

Chemical Week INDEX

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Explosion of an airliner near Baltimore, Md. killed CPI executives	May	23	17	Neuron and chloro-IPC have effectively repressed weeds in two-year tests on celery	Jan.	31	61	Etching and cleaning compound	Jan.	31	69
Let's talk sense about plastic-bag mishaps - Viewpoint H.C.E. Johnson	June	27	18	Phaltan, new fungicide chemically related to Captan	Apr.	18	63	Detecting of aluminum eliminated	Jan.	31	69
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Pfizer, Varian buy ads to rush technical papers into print	Jan.	3	20	Sulfur recovery plant at refinery will help reduce air pollution	Apr.	11	94	Refining Division's meeting saw the introduction of a new, low-cost process for upgrading various light-petroleum distillates	June	6	88
Purchasing agents rate chemical advertising (tables)	June	20	59	U.S.P.H.S. is pushing pollution research	May	2	78	American Society for Testing Materials	Apr.	18	63
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Test case on pharmaceutical advertisements circulated to doctors	June	13	45	Air separation - Seeking new uses for air separation know-how	Jan.	10	30	American Society of Tool Engineers - Research report on cooling characteristics of cutting fluids	Jan.	17	95
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PVP hair spray patent battle is shaping up	Apr.	25	62	Corrosion site search	Apr.	18	81	Ammonium nitrate	Jan.	10	54
Refillable aerosol dispenser, Vaniti-Mist	May	2	40	Fluorine-resistant alloy	June	6	46	Explosives industry takes stock (chart)	Jan.	10	54
Sales in 1958	May	23	18	New alloy for joining steel, nickel, copper, aluminum	Mar.	21	40	Fertilizer hardens the snow on ski slopes	Mar.	21	114
Sales in 1958 - CSMA survey	May	30	73	Nonferrous alloy of improved corrosion resistance	Apr.	11	84	Price	June	6	82
Starch	June	20	76	Palladium alloyed with titanium boosts its corrosion resistance (chart)	Apr.	18	76	Ammonium perchlorate	Feb.	28	14
Valves and containers	June	20	75	Ultrapur special alloys in a Hopkins process	June	13	79	Current producers	Apr.	25	65
Agricultural Chemicals	Jan.	17	90	Aluminum	Jan.	3	21	New electrolytic cell for perchlorate production	Feb.	7	13
Bill to provide uniform regulation has been approved by the House Agriculture Committee	June	6	30	Auto engines	May	30	80	Amlyose from potatoes - letter	Apr.	11	83
Bill to provide uniform regulation will probably meet little opposition	May	2	29	Auto - stepped-up use	May	27	22	Eli Lilly	Apr.	11	83
Canadian companies are showing a net profit of 3.3¢/sales dollar	May	2	38	Beer dries an aluminum wrap	Jan.	10	39	Surfactant, fast-acting, topical	June	6	60
Chemical methods of upping the yield of cotton plants	Feb.	14	23	Bright aluminum outlook (chart)	June	20	38	Anesthetic	June	6	60
Co-ops gain sales	May	16	134	Aluminum - Calcined alumina of low iron content	Jan.	3	21	Annual reports - Chemical companies are learning to turn out more-readable reports	June	6	94
Fair forecast cheers nation's fertilizer makers (chart)	Jan.	17	90	Aluminum	May	30	80				
Five new ag chemicals needed - high points of Northeastern Weed Control Conference	June	6	71	Auto engines	May	30	80				
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IMC is putting new muscle in Ag chemical sales	May	27	95	Beer dries an aluminum wrap	Jan.	10	39				
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Cancer			Chemical Week			Coatings		
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Drug industry sets sights on 1963 as year for cancer cure	June 27	72	Behind the news, H.C.E. Johnson	May 2	10	Aluminum coating has salt-spray resistance	Apr. 4	62
Hopeful drugs according to reports from ACS	Apr. 11	83	Chemical Week Reports			CRC, new corrosion inhibitor	Apr. 4	43
Copolyester			Aromatics in trouble - Hansen & Groves (charts & tables)	Mar. 7	53	Ceramic coatings for space ships evalu- ated by NBS	May 23	63
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More easily controlled route to copoly- ester developed	Jan. 10	32	The big steroid treasure hunt	Jan. 31	37	Powder painting for protection	May 2	89
Carbide			Norman Applezweig (charts & tables)			Three companies figure in the recent news of paints and coatings	May 2	38
East Germany will have the world's largest carbide plant by '65	Jan. 10	68	Can you rate your research? (charts & tables)	May 30	35	Two-in-one varnish said to have adhesion and alkali-resistance of epoxy ester varnishes	Apr. 18	58
GRB silicon carbide	Apr. 18	114	Changing world sulfur balance	May 16	107	Ty-Bond R-1 cleans and coats metals	Apr. 11	48
Carbon			Williams Haynes (charts & tables)			Urethane coatings	Feb. 28	60
Activated carbon	Jan. 17	64	Ethylene chemicals outlook - surge to '65 (charts & tables)	Apr. 25	35	Cobalt - Prices		
Carbon-14 price cut	June 13-100	106	Major ethylene derivatives	May 9	79	Coke - Expansion of fluid coking facilities at GP refinery will boost yield of gaso- line and serve as a smog weapon	Jan. 24	63
Petroleum-derived carbon is replacing coconut-shell charcoal	June 27	68	Ethylene	Apr. 18	84	Color		
Carbon monoxide - Construction materials in older laboratory buildings may be a source of carbon monoxide	Apr. 25	92	Vertical integration: no sure ladder to profit - James Margolis (chart)			Additives bill worked out by FDA is awaiting action May 20-27, June 6-30	June 20	43
Carnegie Institute of Technology Chemical and Petroleum Research Lab. - Price change of standard samples of hydro- carbons, organic sulfur compounds and organic nitrogen compounds	Apr. 18	114	Chicago			Ban on most coal-tar lipstick colors poses real problems for the cosmetics industry Apr. 18-43	Apr. 25	22
Case Institute of Technology - Survey of research chemists' technical meetings	May 23	56	CPI leaders take steps to popularize their industry	Feb. 7	88	Blue paints resurge according to Color- trend Report	Feb. 14	52
Cassidy, Harold - Developed new series of "electron exchange" polymers, redox resins	Jan. 3	20	Pollution law touches all bases	Feb. 14	80	Citrus Red No. 2 - law to permit use will clear Cosgrove	Feb. 28	24
Castor Oil			Chicago Chemical Equipment Sales Engi- neers Assn. - meeting discusses equipment makers problems	Mar. 14	85	Coal-tar colors - look for a ban on several more	Apr. 11	28
French-made Type 11 nylon resins will be marketed in this country	May 23	74	China			Color photos prove their usefulness in research work	May 9	59
U.S. consumption 1951, 1956, 1965 (charts)	May 23	39	Communist China's new drive to step up construction of 40 chemical projects	Mar. 28	24	Food colors face a crisis - expiration of permit of orange colorant Red No. 32	Feb. 7	26
Catalysts			Communist China will start up 68 new chemical works specializing in acid and soda production	Mar. 14	76	Hair colorant from Helena Rubinstein	Jan. 31	69
Engine exhaust catalysts may lift the smog blanket, but more research is needed	Jan. 31	74	Nylon-II fiber developed in eastern China	Feb. 28	22	More coal-tar colors under fire	Mar. 7	28
Organolithium catalysts	Feb. 7	74	Peking radio says chemical plants near Tientsin are extracting metallic sodium magnesium and calcium from sea water	Feb. 7	28	New color for polyester resins	Apr. 18	64
Oxygen-enriched air improves catalyst regeneration	Feb. 7	53	Chlorine			Red. No. 1 - specifications will be made more uniform	June 6	30
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Titanium trichloride catalyst for polypro- pylene polymerization	Apr. 4	65	Capacity addition	Jan. 31	17	Colorado School of Mines Research Founda- tion - Small samples of amorphous graphite	June 13	101
Cationics - New cationic surface-active agent	Jan. 17	92	Capacity - confidence keys makers' outlook (chart & table)	Mar. 7	113	Columbium - Process for flotation of pyrochlore	Apr. 18	106
Caustic soda - Battle for markets is shap- ing up in Canada's Maritime Provinces	May 9	113	outlook - letter	May 9-16, June 20-24		Combustion - Capsule for combustion analyses	Feb. 7	75
Cellophane			Chlorine-caustic plant planned by K.C. Ivins for the St. John, New Brunswick area	May 2	26	Commercial Chemical Development Assn. - Petroleum industry depth-probed the demand for lubes and fuels at spring meeting (charts)	June 13	72
Battle between cellophane and polyethy- lene as packaging material is shaping up	Apr. 25	28	Chlorosulfonic acid - capacity boosted by Monsanto	Jan. 24	74	Compressors		
Sales won't sag below the 400-million lbs. year record set in '58	Jan. 17	79	Chromate test	Jan. 17	65	Air-cooled compressors	June 13	54
Usage continues to grow, Du Pont predicts	May 9	40	Chromatography			Cool-running centrifugals vie for com- pressor jobs, offer power space savings (chart)	May 9	106
Will account for more than 50% of packag- ing film market expected in '68	May 23	74	Detection reagents in spray containers	June 6	38	Computers		
Cellulose			Gas chromatography sampler	May 9	111	Automated payroll system cuts costs, speeds payments at Allied	Mar. 21	119
Czech process for production of cellulose from waste wood	Apr. 18	106	Gas-liquid chromatograph	Feb. 28	66	Computer-logger for the distribution of natural gas	June 6	45
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Phenolic resin for neoprene cement	Jan. 31	69	Chromium, promises more durable chrom- um-plated trim on autos	June 6	71	Machine searching of literature and the copyright law	Mar. 7	103
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Ceramics			Blue Chip germicidal cleaner, and Bravo, liquid detergent from S.C. Johnson	Jan. 17	92	Polymerization is computer-controlled at Texaco's Port Arthur, Tex., refinery	Apr. 11	83
Coatings for space ships evaluated by NBS	May 23	63	Carpet detergents - applicators will prod '59 sales to \$20 million	Apr. 4	57	Role of chemical engineering - three case studies	May 9	119
Reinforced ceramic withstands high temperatures	Feb. 7	75	Chemical specialties used in keeping marine fleets shipshape now have a \$10-million year market	June 20	69	Systems engineering training program	Mar. 21	73
Spray-drying overcomes quality-control problems	Feb. 7	56	Contract cleaner - specialties sales booster (table)	Mar. 21	33	Texaco's polymerization system	Apr. 18	104
Uranium colors for ceramics are coming back, now made from hexafluoride	Jan. 3	24	Gas cleaner	Mar. 20	50	Concrete		
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Chemical Industry Committee of Maryland- Maryland CIM reviews first year at its regional chemical conference	June 6	93	Masonry cleaner called Devil-Powder	April 4	62	Upward trend in engineering and construc- tion business in 1959	Jan. 24	68
Chemical Institute of Canada - Annual meeting in Halifax, Nova Scotia	June 6	26	Phosphate cleaner for dip-tank operation and emulsion-type water wash from Fremont	Mar. 21	40	Consumer-testing magazine reports - how they affect your business	Feb. 14	47
Chemical Market Research Assn. - Annual meeting in New York - drug industry forecasts (tables)	May 30	79	Purex's recent sales curve marked by acquisitions (chart)	Apr. 11	41	Containers		
Chemical Progress Week			Rug-cleaning product called Turbo	Apr. 18	58	Aluminum cans for aerosol packages	May 9	54
Chicago is the scene of the national packaging exposition	Apr. 18	18	Rug cleaning survey	Jan. 31	69	Beer in aluminum cans	Jan. 10	39
First report on industry survey by Chicago's drug and chemical industry	Mar. 21	122	Sanitoxide cleaning process	Feb. 21	43	Drum reconditioners gird for shortage	Mar. 21	56
MCA gears this year's activities into year-round community relations program	Apr. 25	28	Silver polishes: pastes outsell liquids	Feb. 7	91	Milk cartons - polyethylene challenges petroleum wax as a liner	Mar. 21	106
Chemical Public Relations Assn. - Chemical Lecture Course is being offered again in New York City	Mar. 14	38	Sosopakers eye new markets, ponder new products at annual meeting	Jan. 31	68	Moisture-proof bag-sealer for multiwall bags	May 9	140
Chemical Specialties Manufacturers Assn.			Steel electrocleaner	June 6	60	Multiwall bag standardization could save shippers some \$10-million year	Feb. 21	131
Chicago meeting features product surveys	May 30	73	Ty-Bond R-1 cleans and coats metals	Jan. 31	69	Poly bagging gains	Jan. 31	67
			Ultrasonic dishwashing - unit will oper- ate with normal dishwashing detergents and tap water	Apr. 11	42	Polyethylene bag in wirebound-box new rival for carboys (table)	Apr. 18	46
			Clothing			"Tootpaste tubes"	June 20	43
			Chemical-resistant, antistatic laboratory coats	May 2	88	Twenty-gallon glass kettles	Jan. 17	65
			Disposable work clothes	Mar. 28	59	Controllers		
			Dynel antistatic work clothes	Feb. 14	36	Electric actuator	Feb. 14	36
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			Anthracite waste may be secret to making chemicals directly from coal (chart & table)	May 23	21	Infrared control	Jan. 17	42
			Chemicals from coal: six non-coke-oven routes (table)	May 23	22	New controllers	May 9	110
			Direct route from coal to halogenated hydrocarbons	Feb. 7	67	Process controller	June 20	50
			Overproduction of coal within ECSC "skeleton" of European Common Market	Mar. 14	22	Pure-water controller	June 13	54
						Remote pipette controller	Feb. 7	76
						Rocket thrust control system has been achieved by the Navy	Jan. 24	63

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Chemical coolants for machining space-age steels	Mar. 14	65	Dept. of Science — Senate hearings now in progress	Apr. 25	31	Enzyme imported from Japan, useful for treatment of cataract and sinusitis	Jan. 31	76
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Co-operatives — Farm cooperative leaders take a cool attitude to cp	Feb. 7	48	Aerosol detergent, Fresh "N Clean, for elastics and fine fabrics	Apr. 4	62	Forecast — industry will spend \$200 million on research	June 27	72
Copper			Book of ASTM Standards	Apr. 18	63	Hexetidine germicide eyed for internal use	Jan. 31	62
Congressional protest over prospective stock disposal by OCDM	Apr. 25	31	Capet detergents — applicators will prod '59 sales to \$20 million	Apr. 4	57	Hypertension drugs: Singsorp, first man-made rauwolfia, and hydrochlorothiazide (chart)	Feb. 7	71
Move by OCDM to dispose of excess copper squelched	May 16	43	Foaming detergents to extract water from "drowned" gas wells	May 9	128	Mercury antidote	May 16	52
Reports of imminent sales of government-stocked copper	Apr. 25	86	Good Housekeeping survey of household cleaning supplies	May 9	55	Methohexital, new anesthetic from Eli Lilly	Apr. 11	83
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Aerosol rust-preventive coating	Mar. 21	40	Liquid household detergent, Bravo	Jan. 17	92	NHI warns against use of drugs for babies and pregnant women	May 23	18
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Inhibitor for copper	May 9	57	Surfactants — general-purpose surfactant from Dow	Jan. 31	68	Obtundia, combination antiseptic, germicide, surgical dressing and fungicide	May 9	56
Petroleum fuel corrosion inhibitor	May 2	38	Toss detergent in water-soluble film pouches	June 20	78	Oxylene, steroid hormone for topical use	Apr. 25	65
Platinum for protection	May 16	104	Dextrin — Starch-to-dextrin conversion — new dextrinization process	Mar. 7	91	Pain-killer, addiction-free successor to morphine	Jan. 24	36
Rust inhibitor	Apr. 18	63	Dibasic acids — Outlet for sodium (charts & table)	Jan. 24	76	Parkinson's disease — new drug	May 9	104
Sodium molybdate for use as a corrosion inhibitor in aqueous recirculating systems	Apr. 11	47	Dicarboxylic acid anhydride — Prices	June 27	79	Penicillin — synthetic penicillin research	Apr. 11	83
Spot-checker trademarked Entek 45	Apr. 18	76	Diphenolic acid — Diphenolic firsts — letter	June 13	56	Poison ivy remedies vie for a \$10 million /year market	June 27	39
Titanium-palladium alloy joins others that fight corrosion (chart)	Jan. 31	61	Dishwasher — Ultrasonic dishwasher	Apr. 11	42	Poison ivy treatment, Residerm	June 20	78
Vacuum-deposited cadmium protects high-tensile steel from corrosion	Apr. 4	43	Disinfectants			Precludin, anti-obesity agent	Apr. 11	47
Wet motor tests corrosion armor — CRC, new inhibitor, bidding for maintenance jobs	Apr. 18	43	Odorless deodorant	May 16	104	Prescription breakdown 1958 and sales outlook (chart & table)	May 16	35
Cosmetics			Seed disinfectants	May 23	34	Price hearings	Jan. 10	28
Ban on most coal-tar lipstick colors poses real problems for the cosmetics industry	Apr. 18	43	Dissolver-disperser	June 20	54	Progestational drug could be useful in preventing miscarriages	June 27	57
Coal-tar colors — look for a ban on several more	Apr. 11	28	Distillation			Prozine, emotion controller	Feb. 21	82
Patent points way to improved cosmetic products	Jan. 17	70	Multi-Effect flash distillation for saline-water conversion	May 23	63	Sales prediction	Jan. 31	17
Probe of the industry's advertising practices has been diverted	Jan. 31	28	Solar for small plants	June 6	88	Sedative for cats and dogs	Jan. 3	27
Protective hand lotion	June 6	60	Distribution			Skin protection creams	May 23	35
Retail business in 1958 amounted to \$1.52 billion	May 16	104	Air freight rate drop for chemicals	Apr. 11	66	Soma, new painkiller, doesn't curb pressure or temperature sensitivity	June 6-7, June 13-18	
Skin protection creams containing hexachlorophene	May 23	35	Chemical distributor's story — big Central Solvents plans more expansion (map & table)	May 2	65	Steroid hormones playing for top place in the drug market — report Norman Applezweig (charts & tables)	Jan. 31	37
Suntan cream from Helena Rubinstein	May 9	57	China imports forge ahead (chart & tables)	May 9	133	Sulfa drugs are staging a comeback	June 6	71
Travel specialties — cashing in on America's new wanderlust	May 16	101	Chemical transportation and packaging at MCA Cleveland meeting	May 16	64	Sustained-action multivitamin tablet	June 20	76
Costs — Sales calls in different industries (table)	Jan. 10	38	Foot Mineral splits sales from market development	May 23	59	"Sustained release" of "timed release" drug capsules must be approved by FDA before being marketed	May 16	43
Cotton			Guaranteed rate freight charges ran into opposition	Apr. 11	66	Sycotrol, a new tranquilizer	Jan. 24	64
Chemical methods of upping the yield of cotton plants	June 27	68	Helium spurge reactivates manufacture of cylinder-equipped railroad cars	May 23	60	TB-drug, Pheny-Pas-Tabamin	May 16	52
Wash-and-wear finish	Feb. 7	94	Jumbo tank cars gain chemical shippers support, but rate problem looms	Feb. 7	45	Temposil, new drug for treatment of alcoholism	Jan. 17	70
Council for Mutual Economic Cooperation (COMCEC) — Communist chemical cartel shapes up in Soviet East Europe (map & table)	Apr. 25	25	McKesson is planning bigger "LCL" sales	Apr. 11	65	Three new drugs: salicylate analgesic; side-effect-free antidepressant; cataract surgery aid	June 20	106
Coupon Magazine — New coupon scheme is national advertiser's weapon against competition by private-label brands	Feb. 21	50	Multivall bag standardization could save shippers some \$10-million/year	Feb. 21	131	Tranquilizer, Atarax	Mar. 14	66
Cranes — World's largest Goliath crane hoisted its own bridge into position	June 6	46	Polyethylene bag in wirebound-box new rival for carboys	Apr. 18	46	Tranquilizer, Atarax	Feb. 7	67
Cube			Product dropping — basic reasons are market-development failure and cost-performance failure	May 16	60	Triacetonone may be the answer to extreme sunburn	June 13	79
Chemicals hiking drug tariffs and forcing fertilizer price cuts	Apr. 18	50	Purchasing men spot '59 buying shifts	Jan. 31	65	Tuberculosis vaccine made from TB germs treated with radioactive cobalt	Apr. 11	84
In wake of revolt, a CPI dilemma	Jan. 10	21	Reconditioners grid for drum shortage	Mar. 21	56	Ulcer drug, Enarax	Mar. 14	66
Washington hopes for improved relations with new regime	Jan. 10	27	Small-order handling costs — some CPI-related systems of profitable handling (chart)	May 30	57	Unfilled prescriptions cost drug-makers millions of dollars	Apr. 4	65
Curing — Epoxy curer	Mar. 21	44	Solvents distributor, Amso, is expanding via pipeline, new chemicals and foreign terminals	Feb. 14	38	Vaccine — four-in-one vaccine	Apr. 4	65
Cutting Fluids —			Texas Gulf Sulphur is beefing up its distribution system — expanding marine shipping facilities on the Neches River Tex. and planning terminal at Tampa, Fla.	Mar. 21	17	Veterinary drugs — new regulations on use ban any carcinogenic materials	May 30	27
Cooling characteristics research report from ASTE	Jan. 17	95	Tight schedules speed product launching for ADM (table)	Mar. 28	47	Weighty steel drums	May 16	62
Cutting oil in spray form	Mar. 21	44	Drilling — Oil drilling specialties	May 30	74	Reconditioners grid for drum shortage — letter	Mar. 21	56
Czech Academy of Science — Cellulose process	Apr. 18	106	Drilling mud — \$150 million worth will be used by oil drillers this year (table) — letter	May 2	33	Dry ice storage	May 9	16
			Drug, Chemical and Allied Trades — Labor policy set	Mar. 21	124	Dryers — Spray dryers — new units feature wider process adaptability (chart)	June 6	43
DDT			Drugs			Dyes		
GSA purchases of DDT for distribution by the International Cooperation Assn. (table)	Apr. 18	124	Acne medicament, Pro-Blem	Mar. 28	68	Bluish vat violet dye for cottons and rayons	Jan. 17	95
Long Island spray case	May 2	80	Acne treatment	June 20	78	Dyeing aide, Lissolamine RC	June 6	38
UNICEF contracts	Apr. 18	123	Aerosol dispensing	Feb. 21	52	Household dye business is spurred by increasing emphasis on dyeing in automatic washers (chart)	May 9	51
U.S. sellers picked up another 7.4-million-lbs. order from GSA (table)	Feb. 21	125	Anesthetic — Surfactant, fastacting topical anesthetic	June 6	60	Navy vat dye	Jan. 3	23
Defense Dept.			Antacid tablet, Cremalin	May 2	40	Reactive brown	June 20	78
CPI firms comprise 25 of the 100 top defense contractors	June 27	33	Antifungal drug, Grisovin	Apr. 18	114	Silicone dye process, "Silrama", for dyeing glass cloth	Apr. 25	66
Chemical companies have a big stake in antimissile systems	Feb. 14	28	Asian flu vaccine — latest tests by U.S. Navy and PHS show 83% effectiveness	Apr. 25	31	Silrama process for dyeing glass textiles — letter	May 2	44
Gavin, James, former Army R & D Chief, underscores future profits in non-military application of space-age research	Jan. 24	32	Asthma tablet, Manax	Jan. 17	65	Yellow for cellulosic fibers	Apr. 18	64
Government projects slated to use liquid hydrogen	Apr. 18	97	Atarax, oral ureteral spasmolytic	Jan. 17	65			
Military procurement policy	Jan. 31	27	Boom is still on for pharmaceuticals	June 13	18	Economics — Viewpoint H.C.E. Johnson	Mar. 21	12
NASA awards over \$100 million in R & D contracts	Feb. 28	23	Cancer — no dearth of hopeful drugs ACS reports	Apr. 11	83	Education		
NASA big new buyer in CPI markets	Mar. 28	23	Chap-El, lip protector	Feb. 7	94	CPI aid to education is increasing — more unrestricted grants (table)	Jan. 17	62
U.S. and Soviet step up chemical warfare research, says Army Chief	May 9	63	Chicago's drug and chemical industries survey for Chemical Progress Week	Mar. 21	122	Industrialists help local educators improve science training	Jan. 31	78
Unheaval in military R & D seems likely	Jan. 10	27	Cholesterol control drug	Apr. 18	98	Number of college science students is increasing	June 20	44
Dehydrogenation — Nonpyrophoric pellets	Jan. 10	32	Coal-tar colors — look for a ban on several more	Apr. 11	28	Egypt — German, Italian and U.S. companies are setting up chemical and pharmaceutical ventures	Jan. 31	25
Demethylchlorotetracycline (DMCT) — Synthesis of a new biologically active compound, a derivative of DMCT	Mar. 7	91	Cold vaccine that will prevent from 60-70% of all common colds is being tested	Apr. 18	98	Elastomers		
			Diabetes drug from Pfizer sets record with 24-page ad in JAMA	Jan. 3	20	Salt slip	June 20	88
			Diagnostic agents, a \$35-40 million year			Synthetic elastomer	Mar. 28	70
						Electricity — High-temperature thermoelectric material for converting heat direct into electricity	Apr. 11	84

Microfilter	Apr. 18	116	Upturned economic indicators seem to outnumber the downturned	Feb. 21	17	Lower rates for chemical shippers will be at stake	May 23	28
Financial			Fire - Koppers' plant at Follansbee, W. Va., damaged by fire and explosion	Feb. 7	18	Proposed cut that has broad CPI significance has been temporarily blocked by ICC	Apr. 18	43
Accounting procedures that conserve income while a company expands - tip from utility companies for the CPI - letter	Jan. 17	31	Fire Extinguishers - Sodium bicarbonate powder for fire fighting	Feb. 21	54	Freon - Cooking with Freon	May 9	57
Administered prices - two new studies of business pricing policies	Mar. 21	12	Fire resistance built into plastics	Apr. 18	98			
Administered wages and administered prices assailed as twin villains of postwar inflation (chart)	Feb. 21	37	Fireflies - Sigma is looking for a million live fireflies	June 6	58			
Aluminum and missile companies find new favor with investors	Mar. 28	21	Fish			Atomic energy fuel - price list	Apr. 4	79
Anti-inflation bill	May 16	39	Antibiotics may be used to preserve fresh fish	Apr. 25	31	Aviation fuel additive	Jan. 31	69
Boom again? - First-quarter sales and earnings set new marks (charts & tables)	Apr. 25	32	Solvent-extraction process is key to new plant that converts fish into high-protein products May 16-88 - letter	June 27	14	Columbian-clad uranium carbide nuclear reactor fuel will be studied	June 6	71
CPI paychecks increased in 1958 - average hourly earnings (table)	May 2	21	Tris buffer, new chemical, helps keep fish and shrimp alive in transport	Jan. 3	28	Depth-probing the demand for petroleum fuels (charts)	June 13	72
CPI profits rising - pharmaceuticals are in the current uplift also	Feb. 14	22	Zinc waste could be one factor in the Shenandoah River fish-kill	Feb. 21	18	Fuel cell operating at 60% and higher thermal efficiencies	June 6	72
CPI profits under pressure - government's report on industry-by-industry performance in first quarter (table)	Jan. 24	17				Future supply of fuels - predictions at SRI conference	June 27	71
CPI resumes expansion boom, plans steady rise in capital spending through '62 (charts & tables)	June 27	28	Fittings			High-energy fuels developments underscore growing competition	Jan. 31	22
CPI sales surge, earnings drag (table)	Apr. 18	36	Glassed ductile iron fittings	Apr. 11	106	High energy - new rocket propellant producer will make solid fuel for moderate-thrust rockets	May 2	24
CW index of sales and earnings - profit margins fluctuate to '56 levels (chart)	Jan. 17	24	Plastic fittings	May 9	109	Liquid-propellant ICBM - Congress will boost funds	Mar. 21	28
Canadian CPI companies are cutting down on their capital expenditures	Feb. 14	23	Teflon fittings	May 16	80	Nuclear fuel reprocessing may become attractive if radioisotopes find use in power generation (chart)	Feb. 14	55
Capital spending plans trimmed	Apr. 18	18	Flame resistance to urethane foams	May 2-61, May 9-65				
Capital spending program this year - chemical companies are changing the geographical growth patterns	June 13	18	Flavors			Nuclear fuels - uranium dioxide looks like favorite in atomic fuels field (chart & tables)	Mar. 28	30
Cash dividends paid through May 31 were up	Apr. 18	18	Chewing gum flavor carrier	June 27	44	Oil additive for airplane engine by maker of "frictionproofing" auto specialties	Jan. 17	89
Cash flow planning pays off for Rohn & Haas	June 27	22	Merger in the flavor-fragrance business	Mar. 14	79	Rocket fuel - atomized ferrosilicon for use in oxidation reactions	Jan. 3	21
Causes of inflation studied by Republicans and Democrats	Mar. 7	49	Flocculant - Granular flocculant	June 27	42	Rocket fuel - prepackaged liquid fuels are hypergolic for use in rocket control system	Jan. 24	63
Chemical companies plan to boost capital expenditures 6.8% this year	Mar. 7	36	Floodprotection - Terme Haute, Ind. flood-fighters mobilize	Feb. 21	32	Rocket fuel - will Russia's Lunik affect U.S. industry	Jan. 10	57
Chemical company management is driving to boost rates of return on capital investment after 12-year downtrend (charts)	Mar. 21	17	Floor Polishes - Polymers are gaining fast in home, industrial floor polish field (table)	June 13	117	Solid-fuels for missiles research at AF's Bold Orion project	Jan. 3	27
Chemical growth pace quickens - slow speedup on spending (chart)	June 6	23	Flowmeters - Mass flowmeter	May 23	80	Solid-fuel rocket engine revealed by Aerojet	Apr. 25	66
Chemical industry's quickening sales pace shows up in the latest government figures	June 13	40	Fluorides			Solid rocket fuel - Celanese is taking its first steps into the field	Apr. 11	24
Chemical stock dividends dropped sharply in December	June 20	17	Air conditioning unit market is a large outlet for fluorocarbons (chart & table)	June 27	83	Uranium dioxide fuel - Spencer will use continuous process	Feb. 28	20
Corporate profits - Viewpoint H.C.E.	Feb. 7	18	Around the world (table)	June 27	85	Uranium fuel-enrichment - AEC sees new way to bring CPI firms into uranium fuel-enrichment	Feb. 14	28
Credit departments of larger firms give free management and financial advice to small business customers	May 16	25	Fluorocarbon resin, Teflon, price cuts	Jan. 17	80	Fumaric acid - Prospects (chart - table)	Jan. 17	82
Credit men ponder a question of ethics (table)	Apr. 11	32	Modified fluorocarbons easy to bond and surface-dye	Feb. 7	58	Fungicides		
Divergent profit trends in CPI reports	Feb. 28	53	Ultrasonic testing	June 6	72	Mylone effective against citrus fungi	June 20	92
Dow is investing \$2.3 million in Catalin's new expansion program	Mar. 28	17	Fluorochemicals - Fluorocarbon product trademarked Scotch Gard among the most successful fluorochemicals from 3M	June 20	37	Phthalonitriles some important plant diseases	Apr. 18	63
Drug industry - outlook; sales and earnings	Jan. 17	23	Fluorocarbons			Phenyl mercury fungicide for paints	Jan. 31	69
Early financial reports	Feb. 21	17	Air conditioning unit market is a large outlet for fluorocarbons (chart & table)	June 27	83	Plastics: the big if in fungicides future (table)	Jan. 10	71
Early returns on first-quarter business	Apr. 25	21	Around the world (table)	June 27	85	Potato and tomato fungicide	Jan. 17	95
Eisenhower is trying to make this issue for the next two years: a balanced budget, a sound dollar, and a fight against inflation	Apr. 18	17	Fluorocarbon resin, Teflon, price cuts	Jan. 17	80	Furnaces		
Eisenhower's 1959-60 budget affects many projects of chemical industries interest	Jan. 17	27	Modified fluorocarbons easy to bond and surface-dye	Feb. 7	58	Basic brick increases output of open-hearth furnaces	June 20	105
Equipment financing	Jan. 24	27	Fluorochemicals - Fluorocarbon product trademarked Scotch Gard among the most successful fluorochemicals from 3M	June 20	37	Electric furnace Mar. 21-54	Apr. 18	83
Facts, finesse win with Wall Street	June 13	52	Fluorocarbons			Electron-beam furnace	Mar. 7	39
Farm plan - there's only faint hope for the Administration farm plan	Mar. 28	75	Air conditioning unit market is a large outlet for fluorocarbons (chart & table)	June 27	83	Kiln for pigment calcining	Jan. 24	57
France - Finance Minister Pinay has set up a bureau to assist foreign investment in the franc zone	Feb. 7	32	Around the world (table)	June 27	85	Vacuum resistance furnace	Apr. 11	106
Higher dividend payments in prospect as companies list rising sales and earnings, plan new stock splits (table)	June 27	30	Fluorocarbon resin, Teflon, price cuts	Jan. 17	80			
1958 in review: profits take a trimming (table)	Mar. 7	29	Modified fluorocarbons easy to bond and surface-dye	Feb. 7	58			
Lagging collections will still be a problem for chemical companies in 1959 (chart)	Apr. 18	38	Fluorochemicals - Fluorocarbon product trademarked Scotch Gard among the most successful fluorochemicals from 3M	June 20	37			
Most of the business issues in Congress are still unsettled	Jan. 17	54	Fluorocarbons					
New investment frontiers - underdeveloped areas get half of U.S. firms' direct foreign investment (charts & tables)	Apr. 4	31	Air conditioning unit market is a large outlet for fluorocarbons (chart & table)	June 27	83			
Reichhold sales target: \$100 million/year - '59 sales prospect is \$83 million (table)	June 13	27	Around the world (table)	June 27	85			
Research and development escaped the economy axe - financial data reported by 10 leading companies (table)	Feb. 7	25	Fluorocarbon resin, Teflon, price cuts	Jan. 17	80			
Rising sales and earnings for equipment makers and drug firms (table)	Mar. 21	24	Modified fluorocarbons easy to bond and surface-dye	Feb. 7	58			
SEC forces companies to minimize their disclosures - Viewpoint H.C.E.	May 9	37,43	Fluorochemicals - Fluorocarbon product trademarked Scotch Gard among the most successful fluorochemicals from 3M	June 20	37			
SEC probes stocks of two small chemical firms	Feb. 28	11	Fluorocarbons					
Sales and earnings - preliminary reports from 14 companies (table)	Feb. 21	33	Air conditioning unit market is a large outlet for fluorocarbons (chart & table)	June 27	83			
Security analysts probe into the work of the U.S. chemical industry	Jan. 31	23	Around the world (table)	June 27	85			
Stock split news buoyed market prices of several chemical stocks	Apr. 4	26	Fluorocarbon resin, Teflon, price cuts	Jan. 17	80			
UOP stock - price gyrations (chart)	Feb. 28	14	Modified fluorocarbons easy to bond and surface-dye	Feb. 7	58			
U.S. investments in underdeveloped nations - the men behind the incentives program	Feb. 21	31	Fluorochemicals - Fluorocarbon product trademarked Scotch Gard among the most successful fluorochemicals from 3M	June 20	37			
	June 13	30	Fluorocarbons					
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Glass
Bell Telephone Labs developed glasses that melt at 125-350 C
Plate glass without grinding and polishing, by float process
Trend to more glass in automobiles spurs search for tougher safety-glass plastic

Glass Fibers

Canopy for a U.S. pavilion at the Moscow fair
Pipe-fitting insulators
Process for dyeing glass cloth uses a silicone to form a chemical bond
Silicone glass dyeing process, called Silrama
Glutamic acid
Gluten - Vital gluten by new spray-drying process
Glycerine - Consumption in 1958 estimated at 220 million lbs. - outlook appears brighter
Goggle - Color-coded safety goggle with air circulation
Gold - Gold-plating solution
Good Housekeeping - Survey of household laundry product preferences gives tips to specialists makers

Graphite

Flexible fibers and fabrics
Low-ash amorphous graphite

Great Britain

Newest British budget bodes good for CPl investors
Scientific effort will get more support from the government
Will abandon underground gasification project at Newman Spiney
Greece - West German and French companies are expected to build ammonia plant at Potamia
Greenwall, Crawford - President of the Du Pont Co. receives the annual Poor Richard Club Award

Guided Missiles

Chemical companies have a big stake in antimissile systems
Congress will boost funds for liquid propellant ICBMs
Market for chemicals in U.S. missiles program is growing - but so is competition (table)
Miradman - double-base solid propellants as third-stage fuel for the Minuteman ICBM
More competition - new project unveiled
Prospects are still good for missile companies, investors decided
Gulf Coast - Ethylene complex - pipelines, plants, consumers, storage (map)-report

H

Hair Colorants

Clairor bought by Bristol
Color Lift from Helena Rubinstein
Hair spray - New hair-spray resin
Masche process - Purchased from Koppers by Wulff Process Co.
Health, Education & Welfare Dept. - No cutback in funds

Heat Exchangers

Glass heat exchangers
Modular graphite heat exchanger
Heater - Low-pressure heater

Heavy Water

Army eyes AEC plant
Egypt plans to join India in the ranks of the world's heavy water producers
German heavy-water plants May 9-45
Spavack claims victory in U.S. Supreme Court ruling
Spavack process stamped "private property" by a federal court
Spavack's atomic-secrets patent case reaches Supreme Court Mar. 14-26

Helium

Bright prospects for rare gases - capacity boosts will ease shortage (chart)
Cylinder equipped railroad cars
Hotter test for space-age metals
Liquid helium - long-distance shipment of large volumes will be possible - letter
Heptachlor - Pesticide is under fire by Southern farmers

Herbicides

Buzolone, weed killer
Du Pont changes name of urea herbicides
Du Pont faces product liability suit over weed killer, Karmex W
Experts discuss more effective, cheaper chemical weed controls
Maleic hydrazide tobacco markets threatened - Naugatuck steps up educational programs
Maleic hydrazide has won out in N.C. legislature
Maleic hydrazide under attack May 23-18
Nebrun and chloro-IPC have effectively repressed weeds in two-year tests on celery

Triazine herbicide, Prometone
Triazine herbicide, tradenamed Atrazine, from Gelyo
Trichlorobenzoic acid herbicide from Heyden is slated for worldwide distribution by Du Pont
L-histidine monohydrochloride from General Mills
Holee tree roots yield an alkaloid mixture reported to have tranquilizing properties

Hormones

Steroid hormone for tropical use, fluoro-metholone, tradenamed Oxytone
Steroid hormones playing for top place in the drug market - report Norman Applezweig (charts & tables)
Synthetic hormone, medroxyprogesterone could be useful in preventing miscarriages
Tissue-building hormone, Dumogran
What's ahead for steroid hormones

Hoses

Flexible hose
Teflon transfer hose for acids
Unspliced rubber hose
Hosiery finish
Hungary - Greatly increased estimates of its planned investments in new chemical plants - Tiszapolonka will get most of the new capital

Hydraulic Fluids

All-synthetic hydraulic fluid tradenamed Pydraul A-200
Synthetic fire-resistant hydraulic fluids, Mobil Pyragant
Hydrides - Mixed hydrides
Hydro Electric Power - Niagara - who will get power from the hydro development
Hydrobromic acid - Cheaper route described in German patent
Hydrocarbons - Direct route from coal to halogenated hydrocarbons
Hydrochloric acid - Cheaper route described in German patent
Hydrofluoric acid - Price

Hydrogen

Liquid hydrogen - NASA is asking for bid on plant in the West
Liquid hydrogen plant at Bakersfield, Calif., may still interest government agencies
Liquid hydrogen produced on commercial scale, AF confirmed
Liquid hydrogen - the secret of Plant 74
NASA is pondering four companies' liquid hydrogen bids
NASA's liquid hydrogen contract may go to Linde

Hydrogen Peroxide

Degussa improved process
Degussa patent

I

ILMAC - First Swiss Chemshow
Illinois Institute of Technology, Chicago - Will share the estimated cost of John Crear Library's new building on the campus
Ilmenite - More ore for pigments - Ilmenite score (table)

Imports

Benzene imports
Caffeine battle
Coal products, industrial chemicals lead the parade of chemicals from abroad (chart & tables)
Cobalt
Commerce Dept. will have a louder voice in the U.S. foreign trade policy after Lewis Strauss is firmly in the saddle
Fluorspar bill
Fluorspar fracas draws chemical industry to antitrust side (table)
Greater competitive pressure from abroad is harassing various CPl companies
Important cases that already have resulted in new trade restrictions
India's imports (chart & table)
Japan's petrochemical independence could mean a cutdown of imports from the U.S. (chart & table)
Japanese waxes for the U.S. market (table)
Naphthalene imports are low (charts & table)
New quota plan restricts imports of finished products
Oil imports fight in Congress will be delayed until spring
PAS prices cut to meet import competition
Plutonium - proposed U.S. purchase from Englo is attacked
Plywood - U.S. import restrictions on foreign-made hardwood plywood are being pushed
Potash puzzle
Purchasing men spot '59 buying shifts - letter Feb. 28-11
Russia will buy chemical equipment from France, countries continue to swap chemicals

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Russian benzene - buyers criticized on the Senate floor
Russian chemical trade is moving both ways on the Seaway
Russian lab equipment imports attacked by Dr. H.H. Bliss - Viewpoint H.C.E.
Johnson May 23-13 - letter
Russian potash imports have American potash men worried
Russian and satellite trade deals with U.S. firms Feb. 14-27
Russian school lab equipment imported by Boston firm
Russian science teaching equipment efforts to ban import are meeting solid opposition from the Administration
Russia's new equipment shopping list released by Great Britain's Board of Trade (table)
South America - U.S. producers' loss is Europe's gain (map & table)
Soviet school laboratory equipment import has domestic producers worried
Sulfur imports up in 1958
Tartar chemicals - Viewpoint H.C.E.
Johnson
Tartaric acid and cream of tartar Mar. 21-27
Trichloroethylene imports on the rise (chart & tables)
U.K. easing up on imports
U.K. imports from China are on the rise

India

Exploring the CPl's new frontiers - focusing on India (charts & tables)
Fertilizer plant to be built near Bombay
Government is furnishing plans for synthetic rubber plant
Japanese industry is stepping up activities in India
Negotiations with West German companies to set up a \$30-million pharmaceutical plant
Petrochemical complex to ring its Barauni refinery
Will build a \$12-million fertilizer plant near the Roukela steel center
Industrial Research Institute - Hercules Powder research chemists present views on supervision at recent meeting

Industry Developments

Africa - \$350-million investment in Ghana has been proposed by Kaiser
Argentina - U.S. multimillion-dollar investments at stake
Australia - U.S. capital and know-how will build four plant petrochemical complex in Melbourne Feb. 7-18
Bermuda - free port and tax advantages are attracting U.S. specialty makers
CPI growth rate is due for a pickup
CPI hikes capital spending plans as pick-up quickens (charts & table)
CPI sales surge, earnings drag (table)
CPI's big expansion outlays - which companies are getting best rates of return (charts)
Canada - expansions of petrochemicals and fertilizers
Century Chemicals plans to acquire three chemical companies plus machinery and other facilities to produce dyes and pigments as well as more than 100 chemicals
Chemical boom is under way - prospects for various industries (charts & table)
Chemical companies' big gains in productivity bring new problems (charts)
Chemical companies plan to boost capital expenditures 6.8% this year
Chemical industry growth in '59 and on through '63 will continue at about the 7% year average of the past decade
Chemical output and prices - Behind the news H.C.E. Johnson
Coal chemicals - \$100-million joint venture (chart & table)
Columbia Gas and Colgate-Palmolive are seeking new partners
Common Market threat to patents?
Cuba - in wake of revolt, a CPl dilemma
Customer research - more large companies are doing research for smaller, customer-companies to help create and improve products
Drugmakers are stressing interest in chemicals
Du Pont is taking over all Grasselli Chemicals operations
Equipment, instrument and engineering companies' upward business trend brings record sales and earnings to chemical concerns (tables)
Europe - convertibility of currency facilitated
Europe - drive for chemical plants in "Common Market" keeps on growing
Europe - ethylene oxide capacity surging onstream
Europe - Euratom emerges as most potent trade force in OEEC lineup (charts & map)
Europe - U.S. chemical firms examine market potential
Europe - U.S. firms establishing European research labs to capitalize on foreign technology
European research labs for U.S. companies
Expansion - more money for new plants

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AFL-CIO - chemical union merger is off for the time being	May 23 17	Sunday pay - S.C. court ruling	May 16 132	N.Y. and Olympia, Wash.	Feb. 7 88	
AFL-CIO - latest merger indication scheduling of training schools for union leaders	Apr. 11 34	Sunday work in S. Carolina - chemical firms may be faced with new restrictions	Apr. 25 94	Lead	May 16 123	
AFL-CIO meeting in Puerto Rico - demand for 35-hour work week	Mar. 7 122	Teamsters turn to the CPI - concentrate on oil refineries	Apr. 4 24	Hope for stability in market	May 2 73	
AFL-CIO meeting in San Juan, Puerto Rico - Viewpoint H.C.E. Johnson	Feb. 21 22	Textile contract	June 13 66	Leak detector	June 6 46	
AFL-CIO moving toward merger	Feb. 28 30	Three major CPI pacts signed	June 20 18	Leather - Synthetic resin finishes help boost sales of leather products	Apr. 18 55	
Alcoa laid off 140 employees at Alcoa, Tenn.	Jan. 17 34	URW contracts negotiation	Feb. 21 118	Line	Apr. 18 106	
Allied Chemical employees at Hopewell, W. Va., ended a one-week strike	Feb. 7 88	Unemployment cure	Apr. 25 94	Corson lime hydration process	Apr. 11 94	
Allied contract	Feb. 21 120	Union for scientists?	Mar. 28 78	Hydrated lime used as stabilizing agent for roads	Apr. 11 94	
American Potash and ICWU have settled terms of an agreement	May 9 72	Uniting labor front	Jan. 24 89	Lithium	Apr. 11 94	
Ansul production workers help management choose foremen	Feb. 7 60	Violence at OM's Model City plants	May 16 132	Cutback of production forced by expiration of AEC contract	Apr. 11 93	
Arkansas and Ohio developments	Mar. 21 126	Wage bargaining threatens peace, profits - CPI's labor calendar (table)	Feb. 14 21	Organolithium catalysts	Feb. 7 74	
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Bargaining election resulted in no decision at Kennecott Nuclear Fuels Corp.	Feb. 21 118	Western pulp contract	May 9 72	Things may be looking up for lithium	June 6 19	
Builders simplify	May 7 88	Wives appeal in strike at Samia, Ont.	May 28 79	Lithium alumina - Hydrie's other name - letter	Apr. 25 15	
Bureau of Labor Statistics figures show productivity dip	May 2 80	Wyandotte contract	Feb. 21 118	Louisiana - Gulf Coast ethylene complex - pipelines, plants, consumers, storage (map) - report	May 9 86	
CSPU has kept its bargaining rights at Indiana Standard's Casper, Wyo. plant	May 16 132	Wyandotte's Michigan Alkali Div. - employees voted down bid by UMW	June 20 84	Lubricants	Jan. 31 69	
California fair employment practice law will go into effect in September	May 2 80	Lacquer - sales increase	June 20 84	Antiseize compound compatible with liquid oxygen	Jan. 31 69	
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Carbon strike	May 27 56	Latex - New latex formulation for textiles	Mar. 7 44	"Frictionproofing" airplane engine additive	Jan. 17 89	
Cement contract	June 13 66	Latin America - U.S. producers' loss is Europe's gain (map & table)	Apr. 18 129	Depth-probing the demand for petroleum (lubes charts)	June 13 72	
Committee definition	June 20 133	Lew	Feb. 28 30	Grease with rust inhibitor	June 16 104	
Corning Glass settlement	Feb. 14 84	Air-pollution control laws - chemical companies differ on the subject	May 9 72	Jet-lubrication - candlemaker turned jet-age competitor	Feb. 21 43	
Counseling program for eliminating misunderstandings between managers and laborers	Apr. 11 34	Alcoa pollution damage suit settled	June 27 55	Lubes for ultrashot-running jet engines of the future	Jan. 24 64	
Diamond Crystal Salt contract at Akron, O.	Apr. 11 34	"all" trademark suit - Lever Bros. vs. Merle Moritz, Apr. 11-36	Apr. 31 80	Multipurpose grease	June 13 100	
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Drive to organize employees at E. R. Squibb	June 27 55	Battery additive suit	May 9 47	Supersonic jet lubricant, Supermil	Apr. 4 65	
Drug settlement	May 16 132	"Big Three" soapmakers win cutoff date Chemtron-Catalysts suit	Feb. 28 24	Synthetic jet lubricant from Hayden may win military approval	Apr. 11 23	
Du Pont's Louisville, Ky., plant voted to accept a company offer	May 2 80	Chemical industry bills - outlook on several key issues	May 16 104	Synthetic lubricants for jet engines feature high-temperature resistance	Apr. 4 83	
Du Pont negotiations at Niagara Falls	Mar. 14 42	Coal-tar coloring for oranges - law to permit use of Citrus Red No. 2	May 7 103	Synthetic lubricant for use in h-t jet engines	Mar. 28 53	
Du Pont pensions	Feb. 21 118	Conley charges Colgate with trademark infringement	Feb. 21 111	Synthetic lubricant outlook: jet airliners will hike use to 3 million gal. by '62 (chart & table)	Apr. 4 69	
Dye contract	June 20 133	Copyright law problem for firms with a stake in machine searching of literature	Mar. 21 126	- letter May 30-13	Synthetic oil fills the stiff requirements for jet-engines tested by AF	Feb. 21 107
Eisenhower is getting tougher with labor	Mar. 7 35	Corporate product liability - run-down on the latest events	Apr. 18 39	Zirconium chloride for use as a high-temperature lubricant	Feb. 21 84	
Employment in the chemical industries	June 20 43	Corruling on Texas City disaster	June 13 66	Lumber - Southern-states industry based on "peckerwoods"	Jan. 3 35	
April - May	Jan. 10 43	Du Pont antitrust marathon - judge weighs rival plans for disposition of GM stocks	Apr. 18 139	Lurgi gasification process translated to U.S. operating conditions by Blaw-Knox	May 30 69	
Engineers still set fast salary pace (tables)	June 6 97	Du Pont faces product liability suit over weed killer, Karmex W	June 20 17	Lysine monohydrochloride - Prices	Apr. 11 93	
Fuel workers' pay hike	Mar. 7 122	Du Pont-GM antitrust suit - Chicago is the scene of biggest legal tussle	Feb. 28 24		June 20 117	
Georgia has passed a law making unions "legally responsible"	Mar. 21 126	Eastman trademark violation	Apr. 18 139			
Goodyear's fringe benefit	May 16 44	FTC filed price fixing conspiracy case against 15 rubber companies	June 20 17			
Government expects the steel wage settlement to have the maximum effect on CPI contracts	Jan. 17 34	FTC is readying rules required by the textile fiber labeling law	Feb. 28 24			
Gulf Coast strike	Feb. 14 84	Farm law - there's only faint hope for the Administration farm plan	Feb. 7 32			
Gulf Oil's Port Arthur refinery hit by strike	June 6 97	Fruit-label law	Apr. 18 58			
Hercules pact with UMWU	Jan. 24 89	GAF-International - new twist	Apr. 4 17			
ICWU bargaining plans	May 16 130	Important industrial-waste case will be decided by U.S. Supreme Court	June 13 46			
ICWU is picketing Great Lakes Carbons' employment office at Morganton, N.C.	Mar. 21 47	Kellogg wins first-round decision in law suit with Monsanto and Hayden Newport	Jan. 11 24			
ILO will attempt to draw up an all-nation radiation code; NCRPM is readying exposure standards	Feb. 14 84	La Porte, Tex., property annexation	Apr. 17 34			
Individuality: an answer to automation	Mar. 14 38	Long Island DDT spray case	May 2 80			
Kentucky Color signed first contract	Jan. 17 28	Minnesota state legislature is considering a food-fortifier licensing bill	Feb. 21 120			
Layoff alarm in the Chicago area	Feb. 28 30	Monsanto-Central Farmers court battle ended	May 2 18			
Legislation - nothing much new in labor legislation is likely	Mar. 21 124	Monsanto vs. CFF - dismissal of counterclaim	Jan. 3 42			
Louisville, Ky., locals merge	Feb. 28 30	Monsanto-Central Farmers Fertilizer trade-secret suit ends	May 16 132			
Mitchell spells out government's position on labor legislation	Mar. 21 124	Monsanto and Hayden vs. Kellogg in three-suit legal fight over design of Texas City methanol unit	Jan. 17 23			
Modernization will cut 500 employees off the present labor force of Du Pont's Belle, W. Va. plant	Feb. 7 68	New York air pollution program	Mar. 14 42			
More merger	Jan. 10 52	Oregon's capital gains tax	May 23 70			
NLRB has issued order to stop unfair labor practices at Hercules Bessemer, Ala., plant	June 20 133	Plaudier-Permutt suit against Presto Plastic Products settled	Feb. 28 30			
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OCAW complains	May 9 72	Pollution law proposed in California	Mar. 7 122			
OCAW-ICWU merger snag	Feb. 7 89	Revision "fair trade" suit	Feb. 21 120			
OCAW and ICWU merger talk	Apr. 18 134	Rolands advertising	Jan. 31 80			
OIL strike fear fades	Jan. 31 79	Sales tax refund	Mar. 14 44			
Oregon antipicketing law repealed	Mar. 28 79	Severance tax relief for local industries in Ark. and N.M.	May 16 132			
Paper agreement	June 27 55	Smog law in California	Apr. 4 92			
Parke, Davis has signed three-year pacts with OCAW	June 6 97	Spevack claims victory in U.S. Supreme Court ruling	Apr. 4 92			
Phosphate producers face bitter strike at midpoint of negotiations in Florida (table)	June 20 126	Spevack heavy-water-process stamped "private property" by a federal district court	June 20 130			
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Picketing prohibited at Mechanicville, N.Y. paper mill	Apr. 18 136	Squibb collected "fair trade" fine from Berners	Apr. 18 136			
Plastic firm shutdown	Mar. 14 42	Tax cut for U.S. investors abroad - bill introduced by Rep. Hale Boggs	Feb. 28 27			
Productivity boosts bring new demands from both sides (charts)	Feb. 28 18	Test case on pharmaceutical advertisements circulated to doctors is in the works	June 13 45			
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Research technicians' merit-raise plan at CRC	Feb. 28 43	Texas oyster shell suit	Jan. 10 38			
Retired workers vs. Russia - letter	May 2-10, May 23-14	U.S. Supreme Court decisions tending to broaden state taxation powers	Mar. 7 28			
Rotary International members at N.Y. convention discuss labor and the union movement	June 20 124	Upjohn "fair trade" move	May 9 72			
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Rubber talks	June 20 133	Water pollution activity at Niagara Falls				
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Ansul production workers help management choose foremen	Feb. 7	60	understandings between managers and subordinates	Feb. 21	114	Molding	Mar. 14	82
Arden House conferees discuss routes to better research management	June 6	35	Credit training for salesmen	Mar. 14	91	Compound called Admold Molding Latex	Mar. 21	40
CPI aid to education is increasing—more unrestricted grants (table)	Jan. 17	62	Employment in the chemical industries	June 20	43	Fiberglass diallyl phthalate molding compounds	Mar. 21	40
CPI engineers still set fast salary pace—income increases with experience (table)	Jan. 10	43	April—May	Mar. 7	96	Molecular Sieves	Mar. 7	92
CPI executives killed in mid-air explosion of an airliner near Baltimore, Md.	Jan. 23	17	Engineering colloquium at Stamford, Conn. research lab for technical information	Jan. 10	46	Can end jet flameouts resulting from ice formation in jet aircraft fuel systems	Mar. 28	54
CPI's 1959 labor calendar—wage bargaining threatens peace, profits (table)	Feb. 14	21	Engineering outlook	Jan. 10	43	Davison Chemical's entry into molecular sieve competition	Mar. 28	53
CSC's new chiefs	Apr. 18	39	Engineers still set fast salary pace—income increases with experience (tables)	Jan. 10	83	Gasoline-upgrading technique, the Molex process	Apr. 4	51
CSC seeks new leadership—J. Albert Woods resigns	Feb. 28	21	Government is making stronger bids for researchers	May 9	48	Molex process to upgrade octane ratings	Apr. 11	47
California Research's merit-raise plan for research technicians	Feb. 28	43	Government will go after experienced research scientists with a new recruiting process	Mar. 14	38	Molybdenum	Feb. 21	108
Can you rate your research?—report (charts & tables)	May 30	35	Individuality: an answer to automation	May 2	82	Fertilizer additive contains 42% active molybdenum	Jan. 31	76
Central Solvents, nation's second—largest chemical distributor, slates major expansion (map & table)	May 2	65	Layoff alarm in the Chicago area	June 20	59	Metal powder can now be made in one step via a new reduction process by Lester Supina	May 30	54
Chemical companies are learning to turn out more-readable annual reports	June 6	96	MIT engineering students get on-the-job training at Esso and Cyanamid plants	Feb. 28	43	Monomer—New experimental monomer X-970	June 27	64
Chemical firms gain from International Student Exchange (table)	May 9	67	More scientists coming	May 30	61	Musk—Synthetic musk	June 14	36
Chemical processors ponder perils of political arena	Feb. 7	84	Purchasing agents rate chemical advertising (tables)	May 2	82		June 20	78
Counseling program for eliminating misunderstandings between managers and subordinates	Feb. 21	114	Research technicians' merit-raise plan at California Research	June 20	59			
Credit departments of larger firms give free management and financial advice to small business customers	Apr. 11	32	Researchers—basic research conference singles out lack of funds as major problem	Feb. 28	43			
Credit managers' code of conduct (table)	Feb. 28	53	Researchers—fitting nonconformists into the team	May 30	61			
Credit managers want more credit training for salesmen	Mar. 14	91	Retired workers vs Russia—Letter	June 6	35			
Depth selling, credit cards, inflation boost cost of sales calls to new high	Jan. 10	37	Sales trainees—signing up sales talent is tougher in '59	May 2-10, May 23-14	75			
Du Pont company town going	May 16	131	Salesmen—where chemical salesmen spend their working time (table)	June 6	75			
Engineering outlook	Jan. 10	46	Systems-engineering training program at Monsanto	Jan. 10	38			
Esso and Cyanamid provide on-the-job training for MIT students	Mar. 7	118	Union for scientists?	Mar. 21	73			
Footie Mineral's Fontress tells how new plan splits sales and development	May 23	59	Wage bargaining threatens peace, profits—CPI's '59 labor calendar (table)	Mar. 28	78			
Government contract research as a means of company growth	June 20	123	Wage incentives study	Feb. 14	21			
"Guided autonomy": key to Cyanamid's profits abroad	Jan. 24	84	Washington conference on scientific manpower scheduled	Jan. 10	46			
Hercules setting up a target for investors	Jan. 10	48		Apr. 25	32			
Heyden Newport is beginning to enjoy the fruits of its long-range research and diversification program	Apr. 11	23	Manufacturing Chemists' Assn.	May 16	64			
IMC is putting new muscle in Ag chemical sales	June 27	95	Cleveland meeting—latest look at distribution	May 16	37			
Maintenance inventories can be costly—don't let them grow without control	Feb. 21	97	87th annual meeting at White Sulphur Springs, W. Va.—on the agenda	May 16	37			
Management has learned it must keep investors informed if it wants money on favorable terms	Mar. 28	75	87th annual meeting at White Sulphur Springs, W. Va. spotlights U.S. security	June 20	39			
Maryland chemical management reviews first year at its regional chemical conference	June 6	93	Hull tells CICM of other regional activities, boosts Maryland's CPI	June 6	93			
Mexican business ventures fare best under Mexican management	Feb. 14	87	MCA's prime movers—letters	Jan. 17	15			
Mitchell sets the Administration's guides to labor-management relations	Mar. 21	124	The time and effort needed to commercialize chemical processes was the highlight of a letter from MCA President Hull to Senator Fulbright	Feb. 14	27			
National Lead accent quality control in two-day conference for chemists	June 20	47	Marine chemical specialties have a \$10-million year market	June 20	69			
New York state appoints chairmen of new General Advisory Committee on Atomic Energy	May 9	70	Marking material for steel	Jan. 31	69			
Niagara Falls, N.Y. chemical companies organize mutual-aid council to cope with emergencies	Jan. 3	14	Materials Handling	Apr. 25	69			
Plant model doubles as management tool	June 27	89	Automation's bid for bag-handling jobs	Apr. 18	82			
Production men are kept abreast of advances in process technology at Cyanamid's research lab at Stamford	Mar. 7	96	Car shaker	Jan. 24	42			
Productivity boosts bring new demand from both sides (charts)	Feb. 28	18	Expendable pallets for multiwalls	Jan. 17	58			
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Rotary International members sift problems in chemical, drug fields	May 2	52	Metals	Jan. 24	42			
Royal Dutch Shell is revamping its top-level chemical and petroleum organizations	June 20	124	American Ductile Iron	Jan. 17	95			
Squibb tops century mark	Apr. 11	18	Gas-in-metals standard from NBS	Feb. 7	62			
Standard Oil of California's top-level engineering board improves communications, set policies	Jan. 3	40	Iron-base metallic compound with excellent antifriction properties	May 16	52			
Stockholder meetings—new ideas for company annual meetings	June 6	85	Paley Report—re-examination finds metals outgain 1952 guesses	Jan. 17	95			
Team approach in engineering project management	May 23	85	Zone refining	Feb. 28-29, 62	88			
Texas Gulf Sulphur mining operation in Mexico takes more than technical know-how, calls for special personnel, community relations	June 20	47	Methacrylic acid—Escambia's process on the way to commercialization	Apr. 11	88			
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Volunteers for management jobs in unusual promotion program	Jan. 20	46	Monsanto-Heyden-Kellogg in three-suit legal fight over design of Texas City methanol unit	Jan. 17	23			
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AMA survey of personnel problems (table)	Feb. 7	60	Methylene chloride—Brighter finishes spotlight new strippers	Jan. 24	49			
Ansul production workers help management choose foremen	Feb. 7	60	Methylstyrene—Manufacture and sale discontinued by American Cyanamid	Apr. 11	10			
College graduates Barr and Bechtler decided on careers in CPI, tell why they chose chemical work	May 23	67	Mexico	Mar. 7	109			
Control chemist speaks his mind at company-wide meeting	June 20	47	Changing world sulfur balance—report Williams Haynes (charts & tables)	May 16	107			
Counseling program for eliminating misunderstandings between managers and subordinates	Feb. 21	114	How to succeed in Mexico	Feb. 14	87			
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			New line of 15 microscopes	Feb. 7	75			
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			Chemicals may replace milk now used for raising dairy calves	May 9	109			
			Radioactive milk decontaminated by using ion-exchange resins	Apr. 11	30			
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			Mississippi—Bayou Casotte industrial area seeks to attract industry (map)	Feb. 21	59			
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New York State - Carbonadium starts survey of N.Y. state "business climate"	Jan. 24	86
New York State Atomic Agency - May soon have a nuclear research center at U. of Buffalo	Apr. 4	86
Niagara Falls area has lost some of its glitter as a plant site	June 20	17
Nickel - New standard sample of nickel oxide powder	Apr. 18	114
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Consumption, supply (chart)	May 16	134
Fertilizer solutions - prices	June 13	106
Supply and demand will increase in the member countries of OEEC	June 6	26
Northeastern Weed Control Conference - 13th annual meeting in New York highlights new ag chemicals	Jan. 17	90
Norway - The world's first boiling heavy-water reactor will soon be put in operation	May 9	103
Nozzle - No-drip nozzle	Feb. 14	34
Nylon		
British textile producers are adopting two brandnames: Bri-nylon and Bri-lyon	May 23	25
Closure device, Velcro, out to win chemical processing jobs	Apr. 11	104
Golden Caprolan, the first successful nylon-6 tire cord	May 16	85
Golden Caprolan, new kind of nylon tire yarn	May 2	61
Nylon-6 - estimated U.S. demand (chart)	Jan. 3	32
Nylon-6 plant to be built near Bombay, India	June 13	17
Reclamation of nylon from used auto tires objective of new process	May 9	103
Red China developed process for making nylon-11 fiber	Feb. 28	22
Tire cord outlook brightened	Jan. 10	67
Truck tires - market fight Feb. 7-82	Mar. 14	75
Ultrasonic testing	June 6	72

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Oblad, Alex. - Heads Kellogg's new R&D team	May 2	52
Office of Naval Research - Added a Propulsion Chemistry Branch	Mar. 28	44
Office of Saline Water - Research projects (table)	Apr. 25	55
Offices - New ideas for design of non-functional offices	Apr. 25	89
Ohio Valley - Weather whips Ohio Valley	Jan. 31	24
Ohio River Valley Water Sanitation Commission - Tighter restrictions on chemical shipments may result from new study	Feb. 14	18
Oils and Fats		
Castor oil: time for domestic dominance (charts)	May 23	39
Cutting oil in spray form	Mar. 21	44
Epoxidized soybean oil used as PVC stabilizer-plasticizers	Feb. 14	62
Fatty acids - Emery looks beyond fatty for its future growth	Feb. 21	43
Multipurpose grease	June 13	100
New jet engines need oils that take 400 F plus	Apr. 4	83
Patent points way to improved food and cosmetic products	Jan. 17	70
Soapmakers ponder call for new products	Jan. 31	68
Synthetic essential oil	May 2	38
Synthetic oils up as civilian aircraft market rises (chart & table)	Apr. 4	69
Synthetic pine oil - Heyden's new plant at Pensacola is onstream	Apr. 11	23
Tung oil, Pure Polytung Oil	Feb. 21	52
Ointment - Chap-El, for treatment of chapped lips and fever blisters	Feb. 7	94
Orange peel products	Feb. 7	97
Organization for European Economic Co-operation - Nitrogen future	June 6	26
Offine unions	May 16	80
Oxide hydrochlorides - Photochemical route	June 27	92
Oxygen		
Catalyst regeneration of fluidized cat-crackers improved by oxygen-enriched air	Feb. 7	53
Emergency oxygen dispenser	June 6	40
Production getting big push in Canada - U.S. oxygen capacity will expand rapidly in next two years to supply steelmakers (tables)	Apr. 25	75
Ozone - Rubber anti-ozone chemical, Nitrox 2A	May 30	89
Ozone - Rubber anti-ozone chemical, Nitrox 2A	Apr. 18	63

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Package controls	May 30	55
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Packaging		
Beer dons an aluminum wrap	Jan. 10	39
Chemical transportation and packaging at MCA Cleveland meeting	May 16	64
Chicago exposition spotlights polyethylene	Apr. 18	18
Detergent in soluble pouches	June 20	78
Food packaging materials - booklet issued by National Research Council	May 16	105
Multitall bag seals are moisture-tight	Mar. 27	60
Multitall bag standardization could save shippers some \$30-million/year	Feb. 21	131
Plastic films: more growth ahead (charts)	May 9	40
Plastic films take spotlight at Chicago exposition - battle ignites between cellophane and polyethylene film	Apr. 25	28
Poly bagging gains	Jan. 31	67
Synthetic resin adhesives - use will hit 165 lbs. this year	May 2	38
Travel specialties - line of 3-oz. aerosol products for travelers	May 16	101
Packaging Institute		
FDA officials outline aspects of 1958 food additive law at a conference on safety of packaging materials	Mar. 14	29
Organized an aerosol committee	June 20	75
Paint removers - Who makes them?	Jan. 24	52
Paints		
Aron-1000, new water-based paint resin from ADM (table)	Mar. 28	47
Automotive finishes spur paint-stripper to search for more potent products	Jan. 24	49
Blue paints resurge according to Color-Trend Report	Feb. 14	52
Building Research Institute has a book outlining top developments of the last 10 years	May 9	56
Fire-retardant paint called Saf	Feb. 7	62
Fungicide for paints, Puratol	Jan. 31	69
Galvalume, zinc paint	Jan. 31	69
Heat-resistant paint	Jan. 17	95
Latex floor paints and coatings	Jan. 20	76
Latex paint figures - letter	Feb. 7	13
Low-cost paint line, Durawear	Feb. 7	94
Markets are looking brighter	June 20	84
Powder painting for protection	May 2	89
Primer over rust	Apr. 11	47
Three companies figure in the recent news of paints and coatings	May 2	38
Paley Report - Re-examination of government's 25-year raw-material forecasts	Feb. 28-59	62
Palladium - Titanium-palladium alloy with improved corrosion-resistance looks good for processing equipment (chart)	Apr. 18	76
Panama - Colon Free Zone's central location, tax savings lure exporters (map)	Mar. 14	35
Paper		
Bagasse pulping	Jan. 31	62
Cellulose from waste wood by Czech process	Apr. 18	106
Disposable paper tents	Mar. 21	108
Duplicating paper using plastic and solvent, called Plastisol	Mar. 21	104
New expansions for pulp and paper in districts are coming up	May 30	17
Sales prediction	Jan. 31	17
Stretchable kraft paper competition	June 27	99
U.S.S.R. has developed paper that resists acids, won't burn, won't absorb water	Mar. 21	103
Uses for inks, clay coating and fibers reclaimed from paper are being researched	June 13	79
Paraffins - Molex process uses molecular sieves to yield normal paraffins	Apr. 4	51
Paraformaldehyde - Prices	June 20	117
Particleboard - Production	Jan. 3	25
PAS - see p-aminostyrene acid		
Pascagoula, Miss. - Bayou town bids for chemical industry's plant site seekers (map)	Apr. 11	30
Patents		
AEC's "tough" patent policies will continue	Apr. 18	44
Adhesives, paperhanger's special	June 27	44
Chewing gum flavor carrier	June 27	44
Common Market threat to patents?	May 2	23
Cyclamate sweetener patent expires	Mar. 7	75
FTC's antibiotics patent and pricing case against five pharmaceutical companies	Jan. 17-21, Jan. 24-24, Jan. 31-17, Mar. 21-18, Mar. 28	22
Fable for today - Viewpoint	Jan. 24	13
H.C.E. Johnson	Mar. 14	48
Foreign patent picture is changing (table) - letter	Apr. 25	15
Heavy-water and deuterium production process - Spevack's final bid	Mar. 14	26
Method to increase the solubility of oils - patent issued to Irwin I. Lubow	Jan. 27	70
PVP hair spray battle is shaping up	Apr. 25	62
Russia - patents are called "authors' certificates"	Apr. 11	10
Senate Small Business Committee will hear complaints that larger companies are freezing out some small companies through control of patents	Feb. 28	23
Sohio's acrylonitrile process in a recent Belgian patent application	May 30	70
Spanish pyrites patents	June 20	100
Terylene polyester fiber patent granted five-year extension	Mar. 28	22
Paving material resists abuse of jet aircraft traffic	Jan. 17	69
Penicillin		
Co-op research	Apr. 18	109
Isolation of 6-amino-penicillanic acid is causing a stir among U.S. antibiotics producers	Mar. 14	66

Synthetic penicillins	Apr. 11	83
Pentamethyl - Prices	Mar. 21	113
Pentanes - Carbon 14-labeled pentanes	June 6	38
Peru - First synthetic ammonia plant onstream	Apr. 4	80
Petrochemicals		
Australian four-plant complex will be built with U.S. capital and know-how	Feb. 7-18, Feb. 14-24	
Boom continues unabated	Jan. 31	18
British boom menaces U.S. trade (table)	Feb. 21	29
Canadian expansion	Feb. 7	26
Commercial Solvents is integrating vertically in petrochemicals	Feb. 14	18
Easier credit plans (chart)	Jan. 17	54
Europe's petrochemical industry (charts & map)	Feb. 7	20
Growth rate of the U.S. industry is slowing	June 6	82
Indian government is drawing up plans for a petrochemical complex	Mar. 7	31
International Petroleum Exposition and Fifth World Petroleum Congress - two big petrochemical expositions will feature chemical processes	May 9	44
Japan's first 42 petrochemical projects, 1957-61 - production capacity (chart & table)	May 30	21
Mexican government's oil monopoly, Pemex, get U.S. loan	Mar. 7	17
Oil-chemical joint ventures (table)	Jan. 17	54
Outlook - estimates of the '65 petrochemical outlook vary greatly (charts)	June 20	83
Plans for industry in Algeria	May 16	18
Socny and Shell push deeper into petrochemicals	May 16	18
U.S.-backed boom in Argentina	Mar. 14	22
Venezuelan investment prospects darkened as a result of surprise income tax boost	Jan. 3	10
Petroleum		
Additive markets are being reshaped by changes in aviation, automotive engines (charts)	June 13	72
Computer-control projects	Mar. 14	65
Fifth World Petroleum Congress - nuclear scientist pegs atom's oil production future	June 13	108
Fight over oil imports in Congress will be delayed until spring	Jan. 3	18
How to get more oil out of tar sands and shale?	Jan. 31	62
Industry rebuts government attack on its pollution-control work	May 16	128
Mineral spirit-type petroleum solvents moved by pipelines to cut distribution costs	Feb. 14	38
Naffining, new process for upgrading light-petroleum distillates	June 6	88
New upgrading processes	June 6	88
Shell, British Petroleum, Eagle and their marketing subsidiary may build a petroleum refinery in Northern Ireland	Apr. 11	25
Phenol		
Price cut	May 16	123
Synthetic phenol capacity (charts & table)	Feb. 21	89
Phosphates		
Consumption, supply (chart)	May 16	134
Fluid mining, new method invented by Sylvain Pirson	Mar. 14	60
Labor trouble between ICWU and phosphate producers in Florida (table)	June 20	126
Mexico has taken control of deposits in Lower California	June 13	42
Phosphoric acid - Japanese process slated for pilot test	June 20	92
Phosphorus - Phosphoric acid and phosphates projects by Victor at Chicago	June 27	28
Photography		
Color films pay their way in research	May 9	59
Dust control aid	May 2	84
One-solution photographic developer, Unibath	May 2	61
Photos to supplement work-order instructions cut repair-job time	Feb. 21	104
Phthalic anhydride		
Amoco is not losing interest in phthalic	Feb. 21	125
Future: price, capacity boosts (chart)	June 20	35
Prices Jan. 31-71, Feb. 7-82, June 20-117	June 27	79
Production continues to climb (chart & table)	May 9	96
Pickler - Dry-mixture pickler	Feb. 7	94
Pigments		
Mercury-cadmium pigments patent	Apr. 4	65
Titanium oxide pigments - latest developments (table)	Feb. 14	24
Uranium pigments made from depleted hexafluoride	Jan. 3	24
Yellow-green	Apr. 11	47
Pilot plants - Armour's versatile pilot plant available for process studies	Feb. 7	56
Piping		
Aluminum pipe	May 2	88
Concrete on carrier	June 20	52
Corrosion-resistant, high-pressure pipe unions made from stainless steel with Teflon inner seal	May 30	55
Ethylene will be carried from Beaumont to major consuming areas at the Gulf Coast (map)	Mar. 14	25
Exporter dissatisfaction with OES under Strauss	Mar. 14	27
FPC's rate limitations could stymie natural gas pipeline projects	Apr. 25	27
Low-chrome pipe	May 30	55

Third-stage fuel for the Minuteman ICBM	June 13	80	Irradiation processing at one-tenth the cost of present methods may be commercially attainable with a new high-energy accelerator, the Dynamitron	June 13	80	Dimers angle for more urethane jobs	May 2	43
Propylene			Rubberized fabric will withstand radiation	May 30	70	Disease identification calls for new drugs (table) Apr. 25-72 - letter	June 6	16
Catalytic air oxidation of propylene to acrolein - likely route of new acrylonitrile process	Feb. 14	61	Russian experiments aimed at producing chemical reactions directly by radiation	May 9	128	Drug industry will spend about \$200 million on research	June 27	72
Ethylene-propylene copolymer, C 23, from Montecatini	May 16	50	Testing equipment	May 27	64	Engineering research pays off in new operations, processes	June 20	95
Proteins			Transfer of control over hazards from AEC to PHS is strongly backed	May 23	28	Ethylene-propylene copolymer, C 23, from Montecatini	May 16	50
Food flavors	June 20	114	Radio - Pulsed radio waves for aligning of particles	Apr. 4	66	European research labs established by U.S. firms to capitalize on foreign technology Mar. 28-42 - letter	June 20	25
Synthesis reported at ACS meeting	Apr. 18	40	Radioactivity			Expenditures of \$350 million by National Institutes of Health by 1967	May 30	70
Thiolated proteins, called Thiogel-20	Apr. 18	116	Airborne particle sampler	Feb. 21	84	Fire research studies - letter	Jan. 24	13
Public Relations			Low-cost device warns of presence of radioactive fallout	Jan. 17	69	Fireflies - Sigma uses luciferase and luciferin to measure adenosin triphosphate	June 6	58
Behind the news H.C.E. Johnson	May 2	10	Milk decontaminated by using ion-exchange resins	Feb. 28	46	Floating-zone refining technique improved Apr. 4-66	Apr. 11	88
CPI work experience is best way to interest students in chemistry as a vocation	May 23	67	Natural radioactivity in processing uranium ores	Apr. 18	106	Fluorides as air pollutants will be studied by Washington State College	June 20	48
Carborundum reported the appointment of a "Business Climate Appraisal Committee"	Jan. 24	86	Radioisotopes			"Foreign research can't be bought by the yard" AMA forum told	Apr. 11	84
Chicago CPI leaders take steps to popularize their industry	Feb. 7	88	Cyclohexane, largest-capacity radioisotope machine, is being readied for a shot	Mar. 28	60	Gavin, James, underscores future profits in nonmilitary application of space-age research	Jan. 24	32
Counseling for goodwill	Apr. 11	32	Industrial utilization	June 20	98	Gemmanium crystal growth	May 16	54
Industrialists help local educators improve science training	Jan. 31	78	Nuclear fuel reprocessing may become attractive if radioisotopes find use in power generation (chart)	Feb. 14	55	Gibberellin-treated lemons - research at U. of Calif.	May 2	62
Yanks abroad learn goodwill is key to good business	June 27	48	Prices	June 13	106	Government contract research as a means of company growth	June 20	123
Publisher's Page	Feb. 14	12	Rauwolfia - Synthetic rauwolfia, Singosep, relieves hypertension (chart)	Feb. 7	71	Government is making stronger bids for researchers	Jan. 10	83
Pulp			Rayon			Government research is booming - Viewpoint H.C.E. Johnson	Jan. 31	8
Bagasse pulping	Jan. 31	62	Cross-linked cellulose may mean bigger rayon sales	Mar. 21	87	Government will go after experienced research scientists with a new recruiting process	May 9	48
Bleaching process	Jan. 10	34	FTC's definition of "rayon"	June 13	46	Growth-hormones research - new approach to the control of diabetes, breast cancer	May 9	104
Cold-soda pulping	Feb. 7	56	Strawlike monofilament rayon yarn	May 2	49	How research escaped the economy axe - financial data from 10 large companies (table)	Mar. 21	24
Japanese pulp mill for Alaska may not be built	May 30	17	Truck tires - market fight	Feb. 7-82, Mar. 14-75		Hypertension research (chart)	Feb. 7	71
New expansion for pulp and paper industries are coming up	May 30	17	Reactors			Invention suggestions screened by professional evaluators	June 13	93
Process to recover soda ash from spent sulfite liquor	May 16	94	Electric power from three different types of reactors competitive with conventionally produced power	Apr. 18	44	Lab "loom" for nonwoven fabrics	June 6	38
Sodium borohydride bleaching of hardwood pulp	Feb. 21	108	Heat converted directed into electricity	Apr. 18	102	Lightweight steel drum research sponsored by Steel Shipping Container Institute and MCA	May 16	62
Strategic flexibility for supplying cellulose pulp to rayon and paper makers has been built into Buckeye's Foley, Fla., pulp mill May 16-98	May 23	85	Low-temperature nuclear process heat reactor - bill has already cleared for House and Senate floor action	June 13	45	Lithium research progress	May 2	61
Pumps			New reactor useful in bench-scale, high-pressure reactions	June 20	112	Live-virus oral polio vaccine	Mar. 21	103
Air sampling pumps	Feb. 7	64	Nuclear process heat - new cost data	Mar. 14	55	Lubes for ultrahot-running jet engines of the future	Jan. 24	64
Camic rubber-lined pumps	Mar. 21	54	Nuclear reactor, Lapre II, has heart of gold	Apr. 11	100	Military R&D upheaval	Jan. 10	27
Centrifugal and reciprocating pumps	May 30	55	Plutonium-producing reactor to be built at the Hanford Laboratories	Apr. 25	66	NASA awards over \$100 million in R&D contracts	Feb. 28	23
Controlled-capacity pumps	May 2	89	Process heat reactors	Feb. 28	50	Navy is establishing a propulsion chemistry branch headed by Ralph Roberts	Apr. 11	28
Dry pumping	Mar. 7	100	Small prototype reactors win edge over large demonstration power plants	Jan. 31	30	New jet lubes	Apr. 4	83
Four-stage pumping system favored over booster station at Rio Tinto's Milliken Lake mine	Mar. 21	50	Uranium dioxide demand for nuclear power (chart & tables)	Mar. 28	30	Nonchemical electric power sources threat to battery makers	Mar. 21	92
High-vacuum pump	Feb. 21	102	World's first boiling heavy-water reactor (HBWR) will be put in operation at Halden, Norway	May 9	103	Orange peel products	Feb. 7	97
Hydraulic pump	Apr. 11	106	World's largest nuclear reactor owned by private industry going into operation in N.J.	Jan. 24	22	Penicillin derivatives	Apr. 18	109
Metering pumps Feb. 12-104, May 30-55	June 20	54	Regulators - Reducing regulators	June 27	64	Pfizer shareholders hear the research story	May 16	127
New pumps	Jan. 24	60	Relay - Load-limiting relay	June 27	64	Plant growth regulators	Jan. 10	77
Sump pumps	June 27	64	Research			Plasma-jet formation of refractory metal nitrides revealed at the ACS meeting by C. Stokes and W.W. Knipe from Temple University	Apr. 18	97
Titanium pumps	Apr. 11	109	Addiction-free successor to morphine	Jan. 24	36	Plastics and metals in tomorrow's big building	Apr. 11	91
Purchasing			Advertising research findings in selected journals may shape up a trend	Jan. 3	20	Plastics use in building construction - fire safety study	June 20	118
Chemical buyers want more help on packaging problems, inventory management, materials handling, dealing with imports Jan. 31-65 - letter Feb. 28-11	Apr. 18	24	Air pollution - oil industry is lagging in research	May 2	29	Plutonium fuel research	May 23	64
Management lacks control of purchasing, says consultant	Feb. 21	136	Ardent House conferees discuss routes to better research management	June 6	35	Princeton, N.J. keeps getting more research labs (table)	Feb. 21	75
Marine chemical specialties, a \$10 million/year market	June 20	69	Auto makers push research for engine exhaust unit - may lift the smog blanket	Jan. 31	74	R&D team backs Kellogg's diversification bid	May 2	52
NASA big new buyer in CPI markets	Mar. 28	23	Basic research conference at N.Y.'s Rockefeller Institute	May 30	61	Radio waves for aligning of particles	Apr. 4	66
Purchasing agents rate chemical advertising (tables)	June 20	59	Battelle researchers develop apparatus for high-temperature metallurgical studies	Mar. 7	104	Radiochemistry - Russian experiments	May 9	128
Purchasing agents set their midwinter meeting schedule	Jan. 17	58	Biochemical debut from Schwarz Labs	May 2	49	Redox resins developed by Yale's Harold Cassidy	Jan. 3	20
Value analysis surges in popularity among purchasing men	June 27	96	Brickmakers' programs yield new, high-temperature-resistant basic refractories for open-hearth steel furnaces	June 20	105	Russian achievement studied by Rand's Moscow office	Apr. 11	90
Yearly purchases of National Cleaning Contractors (table)	Mar. 21	36	British scientific effort will get more support from the government	Jan. 3	27	Saline-water research - stepped-up program recommended	Feb. 28	24
Putty			Can you rate your research - report (charts & table)	May 30	35	Sodium borohydride bleaching of hardwood pulp	Feb. 21	108
Lead putty, Devcon L	Apr. 18	64	Cancer - Boronic acid used in research	Apr. 18	114	Solid-fuel research contracts	May 2	62
Rubber paste for home repair work	May 2	38	Chemical warfare research stepped up by U.S. and Soviet	May 9	63	Solid propellant research contracts	June 6	72
Pyridine - Prices	June 27	80	Color films pay their way in research	May 9	59	Soma, discovered by Frank Berger, is closing the gap between aspirin and morphine	June 13	98
Pyrites - Spanish pyrites patents	June 20	100	Columbia-clad uranium carbide nuclear reactor fuel	June 6	71	Southern Research Institute conference on "The Undiscovered Earth" yields advanced ideas	June 27	71
Quality Control			Combine engineering with research for best results Jan. 24-67 - letter	Apr. 18	24	Soviet chemical research - polymer irradiation is on high-priority list	Apr. 18	112
National Lead brings control chemists together for day-long meetings	June 20	47	Common cold vaccine tested at Notre Dame University	Apr. 18	98	Static electricity problem in plastics eliminated by new additives, surface treatments	May 23	53
Statistical quality control	Jan. 3	30	Company meetings boost researchers' awareness of company aims, projects problems	May 23	54	Stereospecific polymers - four reports	Feb. 14	65
- letter	Jan. 24	15	Contract research: cure for a coming crisis Jan. 24-13 - letters	Feb. 7-13, Feb. 21-22		Symposium in New York City May 14-16 under the auspices of NAS, AAAS, and the Alfred P. Sloan Foundation	May 2	62
Quassin - Brucine shortage continues users eye quassin	Jan. 3	38	Control-lab problems - National Lead accents quality control in two-day conference for chemists	June 20	47	Synthetic antibiotic	Mar. 7	91
Quaternary - New quaternary, BTC - 834-20% Powder	May 23	35	Copyright hurdles now loom for electronic literature searches	Mar. 7	103	Technicians' merit-raise plan at CRC	Feb. 28	43
Radiation			Customer research - supplier research spells customer gains	May 16	47	Tuberculosis vaccine from University of California	Apr. 11	84
AEC recommends that public health agencies take over regulation of all radiation hazards	May 16	44	Desiccant (silica aerogel) insecticide scored well against Florida termites	Jan. 17	84	U. of Calif. has worked out a new way to kill nematodes and fungi in citrus soil	June 20	92
Commercial uses - outlook	May 9	126	Dialdehyde starch process developed at the Northern Utilization Research branch of USDA	May 2	89	U.S.P.H.S. is pushing pollution research	May 2	78
Congress is considering compensation law for workers exposed to radiation	Mar. 14	32		June 27	92	Ultraviolet absorber for polyethylene	Apr. 11	87
ILO will attempt to draw up an all-nation code; NCRPM is readying exposure standards	May 16	130						

Nuclear equipment business is closer to predicted sales volume	Mar. 28	53	Lower rates for chemical shippers will be at stake	May 23	28	Steelmaking process bypasses the blast furnace	June 27	67
Paint markets are looking brighter, sales set new records	June 20	84	Marine shipping facilities for molten sulfur	Mar. 21	17	Strike may boost process equipment prices, but it won't mean shortages	Feb. 28	65
Paint-strippers, a \$30-40-million year field	Jan. 24	49	Methane shipped by sea	Feb. 28	50	Sterilizer - Beta-propiolactone, surface sterilant	Mar. 21	44
Fizer's sales gains	June 20	37	Mississippi River ice slows barging	Feb. 7	48	Sterilizing - Tape reads "sterile" when autoclaved for 15 minutes at 250 F.	Feb. 7	76
Pharmaceutical firms chalked up first-quarter sales gains	Apr. 18	17	Ohio River - tighter restrictions on chemical shipments may result from new study	Feb. 14	18	Steroids - The big steroid treasure hunt report Norman Applezweig (charts & tables) Jan. 31-37 - letter	Mar. 28	12
Plastic-bag deaths threaten big film market	June 13	86	Polyethylene jugs to slash shipping costs plugged at packaging show	Apr. 25	28	Stockpiles		
Plastics sales will probably quadruple in the next decade	May 9	113	Proposed cut in freight rates has been temporarily blocked by ICC	Apr. 18	43	Controversy and confusion over the government stockpile - trend is toward some new formula for disposal	May 23	27
Polyurethane sales will surge to 100 million lbs. by 1960 (chart)	Apr. 4	21	Rail carrier proposals to establish "guaranteed rate" freight charges ran into opposition	Apr. 11	66	GSA is seeking ways to dispose of excess materials - move by OCM to dispose of excess copper squelched	May 16	43
Preliminary sales and earnings figures trace chemical companies' success in riding out '58 recession (table)	Jan. 31	23	St. Lawrence Seaway's four-way business boom (map)	Apr. 11	21	Surplus in strategic metal-mineral stocks reported	Jan. 3	18
Product-group sales patterns revealed by two large, diversified chemical companies	May 2	23	Truck-size "toothpaste tubes" for shipping chemicals are causing big fight in the trucking industry	June 20	43	Storage - Dry-ice storage	Feb. 14	34
Profit/sales ratios - how the leaders have fared (charts)	June 6	23	"Vacuum bottle" barges will carry sulfur from a shore base to Port Sulfur, La.	Mar. 7	92	Strainers - Aluminum line strainer	Feb. 21	102
Purchasing agents rate chemical advertising (tables)	June 20	59	Waterside site boom	May 2	78	Strauss, Lewis L. - Hard hand on Soviet trade	Mar. 14	27
Purchasing agents set their mid-winter meeting schedule	Jan. 17	58	Shoes - Injection-molded polyvinyl chloride shoes	Apr. 11	42	Strippers		
Purchasing men spot '59 buying shifts	Jan. 31	65	Silicic acid	Jan. 17	65	New paint stripper, Patclin	Jan. 10	74
Reichhold sales target: \$100 million/year - '59 sales prospect is \$83 million (table)	Feb. 7	25	Silicon	May 2	88	Paint-strippers, a \$30-40-million/year field	Jan. 24	49
Resurgence sales in late '58 put sales profit marks for most CPI firms at new highs (charts & table)	Apr. 18	36	Corrosion-resistant silicon carbide foam	Mar. 28	64	Sr-90 - Radioactive strontium-90 for useful power generation	Feb. 7	68
Rising sales and earnings for equipment makers and drug firms (table)	May 9-37	43	Silicon for semiconductor uses	May 9	104	Stryene		
Rubber - record year for rubber in 1959 (chart)	Jan. 31	21	Ultracure silicon	May 2	44	New molding formulations minimize electrostatic fields that draw dust, cause flaws	May 23	53
Sale of goods of strategic value to eastern European countries - Viewpoint H.C.E. Johnson	June 20	9	Silicones	Mar. 7	106	Rubber-grade styrene monomer - prices	Jan. 24	74
Sales calls in different industries (table)	Jan. 10	38	Glass dyeing process, called Silrama	Mar. 21	38	Sugar - Automated refinery	May 9	126
Sales and earnings - government's report on industry-by-industry performance in first-quarter '59 (table)	June 27	28	"Silrama" process for dyeing glass cloth	Apr. 25	66	Sulfite		
Sales and earnings - latest year-end reports from 11 companies (table)	Mar. 7	29	Silver	Feb. 7	64	New method for sulfite determination in boiler water	Jan. 24	59
Salesmen - credit managers want more credit training for salesmen	Mar. 14	91	Brazing kit	Feb. 21	92	Process to recover soda ash from spent sulfite liquor	May 16	94
Salesmen - how CPI is improving salesmen's driving safety records (table)	June 13	83	Industrial demand for silver is growing	Feb. 7	91	Sulfosuccinate - Prices - letter	Mar. 14	16
Salesmen - recruiting salesmen is tougher in 1959	June 6	75	Silver-polish market threatened by stainless steel (table)	Apr. 18	64	Sulfur		
Salesmen - where chemical salesmen spend their working time (table)	Jan. 10	38	Silimide - Mercury-based silimide for use in the paper industry	Jan. 31	80	Canadian sulfur ventures	June 13	105
Small-order handling costs - some CPI-tried systems of profitable handling (chart) May 30-57 - letter	June 27	14	Soap	Apr. 18	63	Changing world sulfur balance - report Williams Haynes (charts & tables)	May 16	107
Soapmakers' overseas sales rose last year	Apr. 11	18	"Big Three" soapmakers win cutoff date Book of ASTM Standards	Mar. 14	76	Marine shipping facilities for molten sulfur	Mar. 21	17
Soaps and detergents sales broke all records in 1958	Mar. 14	76	Sales broke all records in 1958	Jan. 31	68	Mexican production last month dropped off sharply	Feb. 28	60
Solvents distributor, Amso, is expanding via pipelines, new chemicals and foreign terminals	Feb. 14	38	Soapmakers eye new markets, ponder new products at annual meeting	Feb. 21	82	Mexican sulfur is staging a comeback	June 13	105
Soviet trade - Strauss is against selling the Russians what they want	Mar. 14	27	Society for Applied Spectroscopy - Federation of Spectroscopic Societies dissolved - has reorganized	May 16	94	Output and use in 1959 will likely be up about 15%	June 20	44
Steroid hormones - report Norman Applezweig (charts & tables)	Jan. 31	37	Soda ash - Process to recover soda ash from spent sulfite liquor	Apr. 11	93	Prices	Feb. 7	81
Stretchable paper competition	June 27	99	Sodium - Capacity exceeds demand (chart & table) Jan. 24-76 - letter	Mar. 14	16	Recovery plant at refinery will help reduce air pollution	Apr. 11	94
Synthetic fiber sales: bright spot in textile chemicals' mixed market forecast (chart & table)	Feb. 7	35	Sodium hydride - Prices	Apr. 11	93	U.S. consumption increased in late '58	Jan. 3	36
Tight schedules speed product launching for ADM (table)	Mar. 28	47	Sodium molybdate as corrosion inhibitor	Apr. 18	63	Underwater pipeline will carry molten sulfur from underwater mine to a shore base, where it will be loaded into vacuum bottle barges for a 25-mile inland waterway	Mar. 7	92
Toilet preparations - retail business in 1958 amounted to \$1.52 billion	May 16	104	Soil stabilizers - Tetrasodium pyrophosphate improves soil properties, CIT unveils	Mar. 21	103	Sulfuric acid		
Trade fairs - Milan fair offers CPI evidence of chemical progress abroad	May 2	24	Solar Energy - Solar distillation for small plants	June 6	88	Output: DEEC, U.S. (chart)	Feb. 7	21
Trade shows - dial-the-answer system for handling technical inquiries	May 23	60	Solder	May 16	105	Petroleum company is getting ready to erect plant at El Paso, Tex.	Apr. 18	18
Travel specialties	May 16	101	Two-component epoxy solder in new dispensing form, TwinWell	Apr. 11	48	Plant on stream in Minn., Utah plans plant at Sulphurdale	May 9	45
Value analysis, buying concept based on detailed evaluation, surges in popularity among purchasing men	June 27	96	Water-soluble solder for printed circuit boards	Mar. 21	40	Recovering faster than the industry as a whole from recession (table)	Mar. 7	27
Sensing probes	Apr. 18	81	Solvents	Feb. 14	38	Sunbum - Cortisone-derived drug may be the answer to extreme sunburn	June 13	79
Separation - Low-temperature gas-separation techniques seeking new uses	Jan. 10	30	Epoxy and polyester resin stripper	June 27	71	Superphosphate		
Separators - Electrostatic separator, E-Machine, separates physically similar solids	Feb. 14	31	Mineral spirit-type petroleum solvents moved by pipelines to cut distribution costs	June 20	118	Continuous system features process control with narrow tolerances	June 6	90
Sequestering agents - Monoquest	June 6	60	Southern Research Institute	June 20	114	TVA tallies 24-year phosphate totals (chart)	Feb. 7	27
Sewage Treatment - Eisenhower's \$20-million budget figure is already under Democratic attack	Jan. 31	27	Conference on "The Undiscovered Earth" yields advanced ideas	June 20	118	Surfactants - Nonfoam anionic	June 20	76
Shale Oil			Plastics use in building construction - fire-safety study sponsored by MCA	June 20	130	Sweeteners		
A-blast for shale-oil recovery proposed by AEC and USMB	Jan. 17-63	69	Spectrometer - Iron analyzer	June 6	43	Cyclamate sweetener patent expires	Mar. 7	75
Experts on nuclear explosives and oil shale will trade information in Dallas	Jan. 3	17	Spevack, Jerome - Atomic-secrets patent case Mar. 14-26, Mar. 28-18, Apr. 4-92	June 20	108	More FDA standards in dietary foods	Apr. 11	28
Shampoo - "Therapeutic" shampoo Sebulex	Feb. 7	94	Spheres - Samples from NBS	June 6	43	Swimming Pools		
Shipping			Spray drying - Basier future ahead (chart)	June 6	43	Germicide called D.I.P.	Apr. 18	58
Air freight - transatlantic airlines will lower fares on chemicals	Apr. 11	66	Stabilizers	June 6	60	Water purification powder, Puro-Pool	May 2	40
Alterations in shipping methods of the CPI - move toward international regulations	Mar. 7	110	Complex stabilizer	June 20	78	Switches		
Barges of flexible plastic for transportation of chemical cargoes	June 20	37	Nuoslate, barium-cadmium complex stabilizer	Mar. 21	103	Air-flow switch	June 20	52
Bulk shippers are pleased with St. Lawrence Seaway tolls	Mar. 21	28	Soil properties improved by tetrasodium pyrophosphate	May 23	34	New switches	May 9	109
Chemical producers, shippers seek to normalize operations during continuing cold weather	Jan. 17	25	Starches	June 27	91	Pressure difference switch	Feb. 7	64
Chemical transportation and packaging at MCA Cleveland meeting	May 16	64	Aerosol laundry starch	June 27	91	Switzerland - Chemshow called ILMAC will take place in Basle, Nov. 10-15	Apr. 18	98
First Seaway traffic jam	May 9	42	Dextrinization process	May 23	34	Tanks - Jumbo rail tank cars gain chemical shippers' support, but rate problem looms	Feb. 7	45
Jumbo rail tank cars gain chemical shippers' support, but rate problem looms	Feb. 7	45	Dialdehyde starch May 2-49	June 27	92	Tanning - Synthetics: creating a new look in leather	Apr. 18	55
Lightweight steel drums	May 16	62	Spray-on starch	June 20	76	Tantalum - Price cut	June 13	106
Liquid helium in new semitrailer-mounted helium liquefier	Apr. 25	75	Static electricity - Plastics seek static-free market reception	May 23	53	Tape		
			Steel			Grillizing indicator	Feb. 7	76
			Basic bricks build on steel's boom, boost furnace temperature, output	June 20	105	Wireless heating tape	Feb. 14	68
			Burnishing compound	June 6	60	Targets		
			Corrosion and heat-resistant stainless steel	Jan. 24	59	Tariffs		
			Decision as to whether to raise or not raise is receiving politicians' attention	May 2	30	Fluorspar fracas draws chemical industry to antitariff side (table)	May 2	70
			Marking material, Penapaint	Jan. 31	69	Fluorspar fracas is heating up Washington's Capitol Hill	Apr. 18	123
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			Oxygen producers have their eye on the steel industry (tables)	May 30	89			
			Productivity dip	May 2	80			
			R-N process starts with lower-grade iron ores	June 27	67			
			Stainless flatware strong threat to silver-polish makers (table)	Feb. 7	91			

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Tartrate - Eisenhower's tartrate decision	Mar. 21-27, Mar. 28-63	
Tate, H. Douglas - Naugatuck's research in plant growth regulators	Jan. 10	77

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Arkansas and New Mexico stand prepared to provide severance tax relief for local industries	Mar. 14	44
Co-ops cool to tax	Feb. 7	48
Five companies signed tax agreement with La Porte, Tex.	Jan. 17	34
Foreign investors stand a good chance of winning tax concessions called for in the Boggs bill	Feb. 28	27
Foreign patents (table)	Mar. 14	48
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Modernization of its guide to depreciation rates may be scrapped by the Treasury Dept.	Mar. 14	31
New incentives for foreign investors will be urged by House, Ways & Means Subcommittee	Jan. 3	17
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Oregon's capital gains tax	May 23	70
Percentage depletion - Viewpoint H.C.E. Johnson	Apr. 18	24
Smaller and medium-size companies face heavier taxes from revenue-hungry states	Mar. 7	28
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Self-lubricating plastic piston rings for compressors	May 16	81
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Telephones - Dial the answer system for handling technical inquiries at trade shows	May 23	60
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Closed-circuit televising of business meetings - new twist in diversification by chemical process firm	June 13	64
Eidophor, new TV system for live, closed-circuit, color telecasts for sales promotion programs	Jan. 10	24
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Pellets indicate temperatures of 525 F and 650 F	Jan. 31	69
Ultra-high-temperature products for atomic energy, electronic and missile applications	Feb. 14	62

Tennessee Valley Authority

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Fertilizer program gets okay from GAO	Jan. 31	28
First shipment of new liquid fertilizer	Apr. 4	80
Less fertilizer produced, more power sold to industry, essence of 1958 report	Jan. 3	10
Liquid fertilizer route	Mar. 14	58
Tallies 24-year phosphate totals (chart)	Feb. 7	27

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BAF has new process for making esters of terephthalic acid	Apr. 11	98
Direct conversion from benzene	June 27	67
Japan's Mitsui Petrochemical uses Amoco process	Apr. 11	102

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Ziegler talks TEL, spells out electrolytic process details at Fifth World Petroleum Congress	June 13	37
Tetrahydrofuran - New improved process from BASF	Apr. 11	98
Tetrasodium pyrophosphate improves soil properties	Mar. 21	103

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Rayon tire-cord marketers will start biggest promotional campaign	Feb. 7	82
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Final negotiations for simultaneous Moscow and New York trade fairs are about set	Apr. 4	32
Milan trade fair offers CPI evidence of chemical progress abroad	May 2	24

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Scientists plan new help for teachers	Mar. 21	126
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AEC is making more tritium gas available	June 6	63
AEC released 1 million curies of tritium, the radioactive isotope of hydrogen	May 16	52
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Tubing - Flexible polyamide tubing	Jan. 3	27
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Turbines - Equipment maker looks reliability to boost stock of big gas turbines	May 16	80
Turkey - Loan from the U.S. Development Loan Fund plus U.S. and Italian know-how will help build chemical plant near Istanbul	Jan. 31	54
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Nylon and fluorocarbon tested to detect internal voids or flaws	June 6	72
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Intermountain Experiment Station proposes use of natural radioactivity in processing uranium ores	Apr. 18	106
Ordered helium tubes from U.S. Steel	May 23	60
Producing pilot amounts of liquid hydrogen	Feb. 28	49
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Alaska Lumber & Pulp Co. - high-alpha-cellulose pulp mill at Sitka, Alaska, is nearing completion despite hitch in financing	June 27 30	Stepped into the organic pigments field with the purchase of Harmon Colors, will operate as a unit of National Aniline Div.	Apr. 25 22	wax carton field	Mar. 21 106
Proposed pulp mill may not be built	May 30 17	Wilputte Coke Oven Div. received a contract to rebuild 84 coke ovens at Youngstown Sheet & Tube's Brier Hill Works	June 6 27	Forecasting big '59 for the aerosol industry	Apr. 11 44
Alaska Pulp Co. - parent company of Alaska Lumber & Pulp is working out new financing arrangements	June 27 30	Wisconsin price-fixing charges are still pending	Mar. 7 125	Marathon Southern, a unit, plans expansion for its Naheola, Ala., pulp and paper plant	May 16 40
Proposed pulp mill may not be built	May 30 17	Allied Research Products, Inc. - Isobrite 623, additive for copper-plating solutions	May 9 56	6-oz. aluminum aerosol can	May 23 32
Albatros Superfosfaatfabriek - Albatros Zwavelzuur en Chemische Fabrieken, jointly owned subsidiary of Albatros and Cyprus Mines, will be one of the largest sulfuric acid plants in the world	Apr. 4 28	Allis-Chalmers Manufacturing Co. - expanded its line of car shakers	Apr. 18 82	American Car & Foundry - plans to develop jumbo car market	Feb. 7 46
Alberta & Southern Gas Co. - clash over sulfur in Alberta	Jan. 24 22	Low-pressure heater	June 13 56	American Cast Iron Pipe Co. - Ductile iron products	Feb. 7 62
Albright & Wilson - Electric Reduction Co. of Canada, a member of the group, will put up mineral acids and phosphates plants at Port Maitland, Ont.	Jan. 24 22	Motor-control enclosures	Jan. 24 59	American Chain & Cable Co. - Allison-Campbell Div. offers deodorized coolant	Mar. 21 44
Alcoa Research Labs. - deleaser/deleater	Apr. 4 28	Allison-Campbell - div. of American Chain & Cable offers deodorized coolant	Mar. 21 44	American Chemical Co. - jointly owned by Stauffer and Richfield Oil, will go ahead with plans to produce polyvinyl chloride	Apr. 25 29
Alcylite Plastics and Chemical Corp. - new name for Loven Chemical	Jan. 17 25	Almetco, Inc. - jointly owned company by Tectron and OM will make aluminum extrusions	Jan. 10 24	Subsidiary of Stauffer and Richfield will operate West Coast's first vinyl chloride monomer plant	Jan. 10 23
Aldrich Chemical Co., Inc. - mercury antidote	May 16 52	Alpine Aromatics, Inc. - size vs. efficiency - letter	Apr. 18 24	American Chicle Co. - Roloids advertisement	June 6 99
Will market new acetylene chemicals	Apr. 11 96	Aluminum Co. of America - aluminum capacity	Mar. 14 72	Antibiotics pricing on trial	June 27 25
Alford Package Machines - carton-end gluer	Jan. 3 23	Aluminum prediction: plans to acquire Rome Cable Corp.	Jan. 31 24	Antitrust interlude	Apr. 4 26
Algemeen Kunstzijde Unie, N.V. - negotiating formation of joint subsidiary with British Industrial Plastics Ltd., to manufacture plastics in the Netherlands	Jan. 10 25	Bill for a 30% interest in British Aluminum appears to have been scuttled	Jan. 17 18	Archer, Jim, head of patent office, on foreign patents	Mar. 14 49
Technical know-how to Mexico's Celulosa y Derivados	Mar. 7 31	Initial operations at Point Comfort, Tex. alumina refining plant will get under way Feb. 1	Jan. 3 15	Arizona Chemical, jointly owned subsidiary of Cyanamid and International Paper, is blueprinting tall oil refinery in Springhill, La.	May 2 26
Algom Uranium Mines Ltd. - applied to the U.S.E.C. for registration of common shares	Jan. 31 25	Laid off 140 employees at Alcoa, Tenn.	Jan. 17 34	Aureomycin for fresh fish approved by FDA	Apr. 25 31
Alim Corp. - distributor of Saf, fire-retardant paint	Feb. 7 62	Offers to buy a one-third interest in British Aluminum	Jan. 10 17	Bluish vat violet dye	Jan. 17 95
Alkali and Chemicals Corp. - ICI's subsidiary has put onstream India's first full-scale polyethylene plant	May 16 40	Reactivating pitline at Vancouver, Wash. - Point Comfort, Tex. pitline reopened	May 30 25	Building maleic anhydride plant at Bridgeville, Pa.	Jan. 17 82
Alkydol Laboratories, Inc. - Synthetic resin producer acquired by Reichhold	Apr. 18 41	Reopened idle pitlines	June 20 38	Chicken feeder to push sales of Aureomycin Soluble Powder	May 9 57
Allegheny Electronic Chemicals Co. - subsidiary of The Baugh Chemical and Baugh and Sons will produce silicon for semiconductor uses	Mar. 28 64	Rest of pitlines at Point Comfort, Tex. and at Vancouver, Wash.	Mar. 28 24	Considering expansion in Argentina	Mar. 14 22
Allied Chemical - boosting polyethylene capacity at Semet-Solvay Div., Tonawanda, N.Y.	May 9 45	Settlement of treble pollution damage suit	May 23 73	Construction of a plant on the Gulf Intracoastal Waterway near Pensacola, Fla.	May 2 78
Course for security analysts Mar. 28-76	Apr. 4 26	Traced aluminum piping	Feb. 28 30	Discontinues manufacture and sale of methylstyrene; Cymac	Mar. 7 109
Design engineering work on projected polyethylene plant expected to be built at Orange, Tex., expansion at Tonawanda, N.Y.	May 2 18	Ultrasonic welding of aluminum	June 13 54	Discontinuing sale of methyl parathion, insecticide for controlling boll weevil	Feb. 7 97
Employees at Hopewell, Va. ended one-week strike	Feb. 7 88	Will reopen pitline at Rockdale, Tex., accelerate bauxite mining operations at Arkansas mines, and increase alumina output at Bauxite, Ark., and Point Comfort, Tex.	Apr. 25 66	Engineering colloquium at Stamford, Conn., research lab	Mar. 7 96
Expansion of facilities on the James River at Hopewell, Va.	May 2 78	Aluminum Co. of Canada - production cuts at Kitimat, B.C., and Beauharnois, P.Q.	Mar. 21 25	Established a high-polymer section at its Stamford, Conn., laboratories	Jan. 31 76
Expansion of polyethylene capacity at Tonawanda, N.Y. will build another unit, probably in Orange, Tex.	May 9 40	Stiff battle for chlorine and caustic soda markets is shaping up	May 23 73	Established research lab in Geneva	Mar. 28 42
General Chemical Div.'s bid on NASA liquid hydrogen contract Mar. 28-23	Apr. 18 97	U.S. trade attitudes have stirred a rumormongering in Canada	May 9 113	Fiber research operations transferred from Central Research Div. to the Fibers Div.	May 30 62
General Chemicals Div. has new polyethylene additive for pesticide sprays	May 2 38	Aluminum Ltd. - Canadians charge U.S. domination of Alcan	Feb. 14 17	Gelling agent	Mar. 28 68
General Chemical Div. - instrumentation brought savings in the modernization of Marcus Hook, Pa., plant	Feb. 21 60	Chryslum Ltd., newly formed subsidiary of Aluminum and Chrysler, will lease aluminum smelter at Beauharnois, Que.	Feb. 14 17	Granular flocculant	Jan. 27 42
General Chemicals Div. starts operation of its uranium hexafluoride plant at Metropolis, Ill.	Jan. 10 18	Davis, N., president, predicts lower sales and earnings	June 27 22	"Guided autonomy": key to profits abroad	Jan. 24 84
General Chemical Div.'s Teletype payroll system will be adopted on a corporation basis	Mar. 21 119	Invited New York shipping men to inspect its newest aluminum super-structured freighter, the S.S. Sunwalker	May 23 73	Handling of outside suggestions	June 13 96
General Chemical Div. will boost sulfuric acid capacity at its Richmond, Calif., plant	Jan. 31 25	Will acquire FEM, leading maker of aluminum cans in Europe	June 6 66	Lederle Div.'s Aristocort may be the answer to extreme sunburn	June 13 79
Golden Carolan, the first successful nylon-6 tire cord	May 16 85	Alvey Conveyor Co. - automatic palletizer	Jan. 3 14	Lederle Laboratories developed live-virus oral polio vaccine to be tested in Costa Rica and Uruguay	Mar. 21 103
International got UNICEF contract for DDT	Apr. 18 123	Amber Labs, Inc. - Amber BYF, new bacterial food for the vinegar industry	Apr. 25 69	Lederle Lab. Div. has accomplished synthesis of a new biologically active compound, a derivative of DMCT	Mar. 7 91
Investing in Food Machinery's South Charleston, W. Va. complex, a joint plan for production of carbon tetrachloride and carbon bisulfide	Jan. 17 18	Amchen Products, Inc. - Rodine 220, new organic inhibitor	June 20 76	Lederle Labs unveiled new pain-killers at ACS meeting, called diam-promid and phenampromid	Apr. 18 40
National Aniline Div. and General Chemical Div. affected by Ohio River floods	Jan. 31 24	Amercoat Corp. - plastic fittings	Apr. 18 63	Legal battle with Ellis-Foster over synthetic resins licensing	June 27 55
National Aniline Div. is next-largest maleic anhydride producer	Jan. 17 82	Amercon Corp. - Alden Equipment Div. - radio-controlled safety control switch	May 9 109	Navy vat dye	Jan. 3 23
National Aniline Div. reports recall of workers at Buffalo, N.Y. - pickups at Semet-Solvay and General Chemical Div. plants	Feb. 7 17	American Agricultural Chemical Co. - filed registration statement with SEC covering 216,093 shares to be offered for public sale	Feb. 21 104	New anthraquinone process will be used at Bound Brook, N.J., new plant	Feb. 21 70
Odor survey: one tool for localized-area air-pollution control	Apr. 18 129	Plans common-stock offering and a three-for-one stock split	May 2 26	On-the-job training for MIT students	Mar. 7 118
Producing new kind of nylon tire yarn at Hopewell, Va.	May 2 61	Signed two-year contract with ICWU Will build a fertilizer plant at Sleepy Eye, Minn.	Apr. 4 28	Organic Chemical Div. to operate new anthraquinone plant at Bound Brook, N.J.	Feb. 14-17, 62
Realignment of Allied's divisions has brought new potency to the chemical giant - report	Apr. 11 51	Will build large plant to make detergent raw materials in Carteret, N.J. Wouldn't buy Russian potash	June 7 18	Planning to move its offices out of NYC	Mar. 28 24
Return to precession pricing schedules on nitrogen fertilizer solutions	Apr. 18 17	American Air Liquide - commissioned to build a third Oxyten unit for Dominion in Hamilton, Ont.	Apr. 25 75	Plastics and Resins division in full-scale operation at Wallingford, Conn., laboratory	Feb. 7 74
Sales and earnings Feb. 7-17	Apr. 18 17	American Alcolac - vertical integration	Apr. 18 91	Pollution approaches	Mar. 21 126
Semet-Solvay plant employees of OCAW have ratified contract	Feb. 21 120	American Asbestos Mining Corp. - Jefferson Lake Sulphur to determine extent of asbestos deposits in Calaveras County, Calif.	Feb. 28 22	Postmeeting report for shareholders	May 16 127
Solvay Process Div. has completed major modernization of its pulp and paper lab. at Syracuse, N.Y.	May 30 63	American Biosynthetics Corp. - Milwaukee Research Institute Div. has a series of food flavors	June 20 114	Process Control Dept. manager Max Blumenfeld founder of Princeton Science Education Committee	Jan. 31 78
		American Brazing Alloys Co. - new alloy for joining steel and other metals	Mar. 21 40	Progress in crystallization research has prompted the firm to launch new studies	June 20 95
		American Can Co. - Bradley-Sun Div. has developed polyethylene toothpaste tubes	May 23 35	Research unit overseas, at Lake Geneva, Switzerland	Mar. 7 91
		Bradley-Sun Div. will soon turn out a line of seamless aluminum cans for aerosol packages	May 9 54	Reveals product-group sales patterns	May 2 23
		Canco Div. leading producer in the		Rubber chemicals	June 27 76
				Sales and earnings	Feb. 21 18
				Solid-fuel research contract	May 2 62
				Strike settlement at Mobile, Ala.	Feb. 21 18
				Ultraviolet-light absorber	Apr. 11 87
				Use of cost data in antibiotics case	Jan. 31 18
				Views on air-pollution-control legislation	Apr. 18 129
				Will build melamine crystal unit next to molding compound plant at Wallingford, Conn.	June 27 22
				Won't build its new headquarters building at Alpine, N.J.	June 27 30
				American Enka Corp. - FTC's definition of "rayon" will apply to new fibers	June 13 46
				Research promises rayon resurgence	Mar. 21 87
				Will purchase William Brand & Co., producer of plastic-covered wire - last year it acquired Rex Corp.	Feb. 7 28
				American Foam Rubber Corp. - leased	

Mar.	21	25	Val.: Nitro in Parkersburg, W. Va.; Lewislon, Marcus Hook and Meadville, Pa.	June	20	18	New polyol	Jan.	31	76
Apr.	4	18	Value analysis afforded impressive cost reductions, Charles Kline, Jr. shows	June	27	96	Arrow Brands, Inc. - Reynolds' acquisition of Arrow Brands violated the antimerger law	Mar.	28	27
May	9	37					Arrowhead and Puritas Water Inc. - glass carbons			
Mar.	14	56	Amoco Chemicals - Forrester, J.H., predicts petroleum demand	June	20	83	Arvids Corp. - SEC probes stock	Apr.	18	124
Apr.	11	17	Promised low phthalic prices when new plant comes onstream	June	20	83	Assembly Products, Inc. - package controls	Feb.	21	33
June	6	20	Sharp denial that Amoco is losing interest in phthalic anhydride	Apr.	18	121	Astrodyne, Inc. - joint subsidiary of Phillips Petroleum and North American Aviation signed a \$2-million AF contract for solid propellant research	May	30	55
Apr.	18	116	Standard Oil of Indiana subsidiary reasserts its intention to sell PA for 17¢/lb.	Feb.	21	125				
June	13	102	U.S. petrochemical industry's growth rate is slowing, J.H. Forrester told the American Petroleum Institute	June	20	35	Rubber and asbestos insulator for solid-propellant rocket motors developed for the Navy	June	6	72
Apr.	25	65	Xylene oxidation process used by Mitsui Petrochemical for terephthalic acid production	June	6	82	Atlantic Coast Industries - has obtained an option to buy all of the common stock of Mohawk Chemical Co.	June	13	79
Jan.	24	22	Amprul Paint Co. of New Jersey, Inc. - Sun Chemical has bought the operations, trademark rights and certain assets	Apr.	11	102	Atlantic Research Corp. - dedication of new headquarters is scheduled for early June	Feb.	14	25
May	2	49	Anaconda - aluminum capacity	Feb.	14	25	Moving into new headquarters	May	9	64
May	30	64	Merging three subsidiaries into a new Anaconda Aluminum Co. div.	Mar.	14	72	Atlas Copco - air-cooled compressors	Mar.	7	107
June	20	40	Anaconda Aluminum Co. - new div. formed by merger of three Anaconda subsidiaries	Jan.	10	17	Atlas Industrial Corp. - scaffold designed for working inside tanks	June	13	54
May	30	18	Anderson Lykens Corp. - acquired by Desomaco Products	Jan.	10	17	Atlas Powder Co. - Darco Experimental Lab. will increase work on activated carbon	Feb.	7	64
June	27	72	Anderson Brass Co. - manual valves	Jan.	10	17	International division is tightening its foreign operations	Jan.	17	64
June	27	30	Anderson Chemical Co. - Stauffer's div. will be exclusive marketing agent for aluminum alkyls from Hercules-Stauffer joint subsidiary	Jan.	3	14	Sales and earnings	Feb.	21	33
Feb.	7	94	Anderson Development Corp. - joined Kerr-McGee Oil and Pacific Uranium Mines in founding the Kerma uranium venture	May	9	109	Teaming with Standard Oil of Ohio to form Solar Nitrogen Chemicals - Feb. 20, 1976	Mar.	14	21
Mar.	28	17	Angier Adhesives - self-to-self sticker	Feb.	14	23	Tween 80 capable of dissolving hexetidine	Feb.	28	20
Apr.	11	47	Ansul Chemical - formed new subsidiary to push foreign sales	May	9	124	Atomic Energy of Canada, Ltd. - heavy-water fractional distillation at Chalk River, Ont., slated for completion this summer	Jan.	31	62
Apr.	18	63	Antell, Charles - acquired by B.T. Babbitt	May	2	40	Method of storing fission products by melting them into glass	May	23	25
Apr.	16	17	Applied Research Laboratories Inc. - iron analyzer	Feb.	21	33	Atomic Fuel Corp. - engineers have been unable to account for impurities in uranium at Tokyo refinery	June	6	26
Feb.	28	22	Archer-Daniels-Midland - epoxy oil	Feb.	7	60	Japan's first uranium processing plant designed by Weinrich	May	9	103
Feb.	14	38	Tight timetable to launch new water-based paint resin, Arlon-1000, into the market Mar. 28-47 - letter	Jan.	3	14	Atomics International - designed sodium-graphite reactor for Consumers Public Power District at Hallam, Neb.	Apr.	11	84
Apr.	25	65	Arco Mfg. Corp. - air filter	Feb.	20	114	Austrian Nitrogen Works - government-owned chemical enterprise to raise funds in the U.S. to finance petrochemical development in Austria	Jan.	31	30
May	9	72	Argonne National Laboratory - plutonium fuel research	May	2	10	Avco Mfg. - Research and Advanced Development Div. has developed new reinforced ceramic, called Avcoite	Feb.	21	34
May	30	53	Arguto Oilfield Bearing Co. - CRC, new corrosion inhibitor, dries out electric motors after fire	Mar.	28	59	Research and Advanced Development Div. has new optical recording pyrometer	Feb.	7	75
Feb.	28	14	Arizona Chemical Co. - jointly owned subsidiary of American Cyanamid and International Paper is blueprinting tall oil refinery in Springhill, La.	Apr.	4	43	AviSun Corp. - American Viscose and Sun Oil Co. are forming a new affiliate to make polypropylene	Apr.	18	82
Jan.	3	9	Arkansas Louisiana Gas Co. - plans to bid on Maumelle Ordnance Works near North Little Rock, Ark.	May	2	26	Will start producing polypropylene at Port Reading, N.J.	Feb.	28	20
Jan.	17	64	Will pipe gas from Reynolds' fields in La. to Arkadelphia, Ark., alumina plant under a 15-year contract	Feb.	7	28	Ayerst Labs. - controlled vitamin	June	13	38
May	2	73	Arkansas Louisiana Chemical Corp. - blueprinting expansion at its Hamilton extraction plant near Magnolia, Ark.	Apr.	18	41		June	20	76
Mar.	7	17	Armco Steel Corp. - corrosion and heat-resistant stainless steel	Jan.	31	25	Babbitt, B.T. - buying Charles Antell Novel promotion gimmick	Jan.	3	14
June	6	27	Armour & Co. - antibacterial fabric softener, Velva-Soft-G	Jan.	24	59	Purchasing Savoy Car Champoo from Seaman Brothers	June	20	17
Apr.	18	126	Armour Alliance Industries - new unit formed by merger	Apr.	4	62	Babcock & Wilcox - building Hinkley Point's new atomic power plant - large-scale crane will move equipment	Mar.	21	17
Feb.	14	24	Chemical Dept. has ideas for using the Seaway to bring raw materials to plant near Chicago	Feb.	21	34	Bache & Co. - reported negotiating to purchase Interhandel	June	6	46
Mar.	28	18	Chemical Div. is offering new cationic surface-active agent	Apr.	11	22	Badger Mfg. Co. - awarded contract for construction of a solvent desalting plant at El Dorado, Ark. for Monsanto's Lion Oil Div.	Apr.	4	17
Feb.	21	94	Purchased Mississippi River Fuel Co.'s ammonia plant near Festus, Mo.	Jan.	17	92	Economic studies of Sohio's acrylonitrile process	Jan.	10	25
Apr.	25	29	Putting up chemical resins and adhesives plant in Philadelphia	June	27	30	New polymer emulsions plant at Le-mont, Ill. being built for UBS Chemical Corp.	June	20	91
June	6	27	Armour Pharmaceutical Co. - enzyme assists cataract removal	June	20	40	Badger, N.V. - economic studies of Sohio's acrylonitrile process	Jan.	3	15
Apr.	18	126	Armour Research Foundation - Armour Dust Fueled Reactor	June	20	106	Badger, W.L. & Associates - Dept. of Interior gives green light to \$2-million water desalting unit	June	20	91
June	27	30	Broke ground for its new chemical research building	Jan.	31	30	Badische Anilin- & Soda-Fabrik - cheaper route to HCl described in German patent	Mar.	14	29
Apr.	11	104	Exothermic patching material	June	20	110	German consortium to erect fertilizer plant at the Aswan Dam site	Jan.	17	70
May	2	80	Flamespray process for coating with ceramics	May	23	35	More easily controlled route to capsaicin developed	Jan.	31	25
Jan.	17	80	Process studies	Feb.	7	56	Photochemical route in cooperation with the Chemical Institute of the University of Tubingen	Jan.	10	32
Mar.	14	49	Armstrong Corp. Co. - cork and silicone combination	May	2	40	Sulfisud, joint subsidiary of BASF and Cia Quimica, has started producing in San Nicolas, near Buenos Aires	Apr.	11	98
Mar.	21	87	Industrial sealer	Jan.	3	23	Two new processes	May	2	49
June	6	92	New department, the Textile Products Research Dept.	Jan.	3	23	Baird-Atomic, Inc. - opened new spectrochemical applications laboratory	Mar.	21	94
June	13	46	Unveils its dial-the-answer system for handling technical inquiries at trade shows	May	30	63	Baker, J.T., Chemical Co. - acrylic entry	June	20	39
Feb.	28	20	Amr Co. Inc. - directors approved plans to merge with Strong, Cobb & Co.	May	23	60	Received Lamot du Pont safety award at MCA meeting	June	20	39
Feb.	21	18	Will merge with Strong, Cobb & Co. - new company will be called Strong Cobb Amer, Inc.	June	20	40	Baltea Electric Corp. - x-ray radiographic unit	Apr.	18	83
Jan.	17	80	Arnold, Hoffman & Co. - ICI holds 85% interest	Jan.	24	24	Baltimore Paint & Chemical Corp. - fire-retardant paint	Feb.	7	66
Mar.	14	49	ICI subsidiary is marketing Monox Z in the U.S.	Apr.	18	63				

Barada & Page - McKesson will take over B&P by joint exchange of stock - Apr. 4-17	Apr. 11	65	Earnings	Mar. 28	18	ber-lined pumps	Mar. 21	54
Barber-Colman Co. - Wheelco Instrument Div. offers new multiswitch indicator	Feb. 28	67	Lurgi gasification process to U.S. operating conditions	May 30	69	Buckeye Cellulose - instrument maintenance at Foley, Fla.	May 30	53
Barksdale Valves - pressure difference switch	Feb. 7	64	Block Drug Co. - Reed and Carnick, a subsidiary develops ulcer drug and tranquilizer	Jan. 24	64	Strategic flexibility for supplying cellulose pulp to rayon and paper makers has been built into Foley, Fla. mill	May 16	98
Bar, G. & Co. - aerosol detergent, Fresh 'N Clean	Apr. 4	62	Blue Diamond Corp. - Flintkote stockholders okayed a plan to take over West Coast gypsum maker	May 23	23	Teamwork in project design and management cuts construction costs of Foley, Fla., pulp mill expansion	May 23	85
Aerosol dispensing of drugs predicted	Feb. 21	52	Boehringer, C.H., Sohn - acne treatment	June 20	78	Budd Co. - Continental-Diamond Fibre Corp., a subsidiary, will build research laboratory at Newark, Del.	Feb. 7	75
Hair spray patent battle is shaping up	Apr. 25	63	Bogue Electric - Belco Div. is readying a mixed-bed demineralizer system for Tennessee Eastman	May 23	76	Burlington Industries, Inc. - FTC's definition of "rayon" will apply to new fibers	June 13	46
Turning out Pam Dry Fry	June 6	58	Boiler Engineering & Supply Co. - high-temperature boiler	Apr. 11	109	Hess, Goldsmith Inc.'s Dy-Cor process	May 2	44
Bart Manufacturing Corp. - Galvalloy, zinc paint	Jan. 31	69	Borden Co. - Sales and earnings predictions	Jan. 3	9	Bushnell, D.P. & Co., Inc. - microscope line	May 16	57
Gold-plating solution	Mar. 28	70	Borden Chemical - Dajac Laboratories developed electron acceptor	Jan. 17	64			
BASF-Deutsche Shell - Rheinische Oelfinwerke, a subsidiary, has unveiled a new expansion program	June 20	40	Fungus-fighting sleeving	May 16	104			
Basic Atomics, Inc. - Texas Gulf Sulphur acquired five-year option on lithium mining properties near Charlotte, N.C.	Mar. 14	29	Marusi advises government-contract research as a means of company growth	June 20	123	CDC Control Services, Inc. - Computer Surge Control System	Feb. 21	102
Bataafsche Petroleum Maatschappij N.V. will become holding company of Royal Dutch Shell after revamping	Apr. 11	18	Particle board resin	June 6	60	C.S.R. Chemicals Pty. Ltd. - styrene monomer plant will be built in Australia by Dow and C.S.R. Chemicals	Feb. 14	24
Bate Chemical Corp. - Polysins Ltd. will increase capacity of its plant in Toronto	Mar. 28	24	Resinite Dept. is offering fungus-resistant vinyl urea sleeving	May 9	110	Cabot, Godfrey L. - carbon-black plant at Rotterdam	May 9	38
Bate Lumber Co. - North Carolina Pulp purchased timberland and mill	Jan. 17	25	Bome Chemical - SEC probes stock	Feb. 21	33	Group purchases Texas Gas	June 13	42
Baugh Chemical - Allegheny Electronic Chemicals, a subsidiary, will produce silicon for semiconductor uses	Mar. 28	64	Bowater Paper Co. - expanding its pilot-plant operation for upgrading hardwood pulp	Jan. 10	25	Cabot Carbon - Canadian subsidiary of Godfrey L. Cabot - first export to be loaded on a Russian ship at Sarnia, Ont., probably from Cabot Carbon	June 6	20
Baugh and Sons - Allegheny Electronic Chemicals, a subsidiary, will produce silicon for semiconductor uses	Mar. 28	64	Bowen Engineering, Inc. - busier future ahead for spray drying	June 6	43	Must disband employee committees	June 20	133
Baumstark, Harry A. & Co. - Union Carbide's new distributor	May 23	74	Contractor for Puget Sound Paper's expansion program at Bellingham, Wash. Jan. 31-25 - letter	Mar. 14	16	Cabot Shops - must disband employee committees	June 20	133
Bausch & Lomb Optical Co. - ultra-violet microscope	Feb. 7	75	Spray-dryer for ceramics	Feb. 7	56	Cadet Chemical Corp. - adds TBH	Jan. 17	95
Bay Petroleum Co. - div. of Tennessee Gas Transmission will build processing plant near Rockport, Tex.	Mar. 21	25	BP Benzol und Petroleum AG - Erdolchemie, joint subsidiary of Bayer and BP Benzol und Petroleum, has put onstream the first units of its automated petroleum complex	Apr. 18	41	Calaveras Cement Co. - expendable pallets for stacking multiwalls	Jan. 24	42
Bayer - tertiary amines	Apr. 4	54	Bradley Container Corp. - Griffith, Henry, former vice-president sets up Plastic Tube and Bottle Inc. in Nashua, N.H.	Feb. 7	94	Caldwell-Richards & Sorensen - dewatering-materials-handling system developed for Solar Salt	Apr. 18	81
Beach-Russ Co. - high-vacuum pump	Feb. 21	102	Brailford & Co. - sampler for pollution checking	Mar. 28	59	Calera Mining Co. - shutting down cobalt mine at Cobalt, Ida., and electrowinning refinery at Magna-Garfield, Utah	June 13	42
Beckacite - Reichhold's Austrian subsidiary to broaden operations	May 16	40	Brand, William & Co. - producer of plastic-covered wire purchased by American Enka	Feb. 7	28	Calgon Co. - algacide	May 2	88
Beckman Instruments - Scientific and Process Instruments Div. has added a new temperature readout accessory to its gas chromatograph line	Feb. 14	36	Branson Instruments, Inc. - thickness tester	Apr. 11	109	California Ink Co., Inc. - Colortrend Report on paint colorants	Feb. 14	52
Beecham Group Ltd. of London - Bristol-Myers and Beecham join forces to find penicillin derivatives Apr. 11-83	Apr. 18	109	Braun, G.F. & Co. - computer to speed research data evaluation	May 9	119	California Research Corp. - merit-raise plan for research technicians	Feb. 28	43
Worthing, England, pharmaceutical plant will produce modified penicillins	May 23	25	Breck, John H., Inc. - producing hair products in Bermuda	Apr. 25	62	California Spray-Chemical Corp. - awarded contracts for two processing units at proposed fertilizer plant in Kennewick, Wash.	Mar. 14	29
Beecham Research Laboratories - isolation of 6-amino-penicillanic acid is causing a stir among U.S. antibiotics producers	Mar. 14	66	Brick Research Associates - masonry cleaner	Apr. 11	48	Educational program to save MH-30's market	June 20	62
Behr-Manning Co. - adhesive tape by new process	Mar. 28	70	Bridgeport Brass - agreed to supply Mallory-Sharon with metallurgical know-how	May 16	39	New fungicide, Phaltan	Apr. 18	63
Belding Corticelli Industries - will market French-made Type 11 nylon resins, made from castor oil	May 23	74	Bright Star Industries - doubling capacity of its Clifton, N.J. electrolytic manganese dioxide plant	June 13	42	Calvery Chemical Co. - awarded NASA contract	Mar. 14	29
Bell Chemical Co. - expected to build new plant in Chester, Pa. for manufacturing of dyes - Reading plant burned down two weeks ago	Jan. 24	25	Bristol Labs - antitrust interlude	Apr. 4	26	Boron fuel plant near Lawrence, Kan. was the scene of an explosion	Mar. 14	29
Bell Telephone Labs - glasses that melt at 125-350 C	May 2	61	Bristol-Myers' subsidiary got licensing rights for use of Beecham's penicillin patents	Apr. 18	109	Building boron fuels plant for the Navy at Muskogee, Okla.	Jan. 31	22
New way to insulate copper, aluminum and other metal wires for high-temperature use	May 23	63	Synthetic penicillin in collaboration with Beecham	Apr. 11	83	Good bet for process at boron fuels plant: sodium trimethoxyborohydride	Jan. 10	58
Will build a \$20-million laboratory at Holmdel, N.J.	May 2	50	Bristol-Myers - antibiotics pricing on trial Jan. 17-21	Mar. 28	22	Heavily defense-oriented in boron chemicals, driving for more civilian products	Jan. 24	32
Zone refining of metals	Apr. 4	66	Antitrust interlude	Apr. 4	26	Price cuts	Mar. 7	107
Bemis Bag - planning to make polyethylene shipping bags	Apr. 18	18	Buy's Clairol, hair colorant firm	Apr. 18	58	Propellent-producing Calvery is owned 50-50 by Gulf and MSA	Jan. 24	18
Bermuda Industrial Development Co. - manages foreign operations	Apr. 25	62	Directors have approved stock split	Apr. 25	29	Calumet & Hecla, Inc. - will treble its research facilities, enabling its Wolverine Tube Div. to intensify efforts in the missile, rocket and atomic energy fields	Mar. 21	94
Berners Pharmacy, Inc. - "fair trade" fine	Apr. 18	136	Joined forces with Beecham to find penicillin derivatives	Apr. 18	109	Cambridge Filter Corp. - high-efficiency filters	May 16	80
Beryllium Corp. - sales and earnings	Apr. 18	17	Use of cost data in antibiotics case	Jan. 31	18	Canada Liquid Air Co. - plans hydrogen plant for Edmonton, Alta.	Feb. 14	25
Best Fertilizers - Lathrop, Calif., ammonia plant is fully onstream	Mar. 7	109	British Aluminum Ltd. - Reynolds and Tube Investments won the battle of joint control of British Aluminum, Alta.	Jan. 31	24	Canada Packers - will not buy Russian potash	June 13	106
New ammonia plant at Lathrop, Calif., offers ammonia at \$63/ton	Jan. 31	84	U.S. companies vying for an alliance	Jan. 10	17	Canadian Allis-Chalmers - Pump div modified its SRL-C pump to fit Rio Tinto's pumping job	Mar. 21	50
Best Foods - div. of Corn Products manufactures Rit Dyes household dyes	May 9	52	British American Oil - contracted for construction of the third stage of gas processing plant at Pincher Creek, Alta.	Apr. 25	29	Canadian British Aluminum - U.S. trade attitudes have stirred a rumour in Canada	Feb. 14	17
Bestwall Gypsum - management recommended stock split	Mar. 28	24	British Celanese - Courtaulds has started producing polypropylene yarns at the Little Heath plant	May 23	63	Canadian Industries Ltd. - dredging operations at Hamilton, Ont. to accommodate seagoing freighters - intends to try bringing in sulfur and phosphate rock via the Seaway	Apr. 11	22
Planning to build gypsum board plant at the Wilmington, Del., Marine Terminal	Jan. 10	25	Subsidiary of Courtaulds is expected not to appeal a British Patent Div. decision to grant the five-year extension of Terylene	Mar. 28	22	Dyeing aide	June 6	38
Bethlehem Pacific Coast Steel Corp. - pilot plant for converting ore into sponge iron by the H-Iron process is coming soon to the West Coast	Feb. 14	62	British Coal Utilization Assn. - direct route from coal to halogenated hydrocarbons	Feb. 7	67	ICI owns 82% interest	Jan. 24	24
Betz Laboratories - chromate test	Jan. 13	65	British Industrial Plastics Ltd. - negotiating formation of a joint subsidiary with Algemens Kunstzijde Unie to manufacture plastics in the Netherlands	Jan. 10	25	Sales and earnings	Feb. 7	17
Sulfite determination	Jan. 24	59	Stiff battle for chlorine and caustic soda markets is shaping up	May 23	25	Canadian Resins and Chemicals Ltd. - wholly owned subsidiary of Shawinigan Chemicals	May 9	113
Biddle, James G., Co. - maker of insulation testers	Apr. 4	46	Canadian Resins and Chemicals Ltd. - wholly owned subsidiary of Shawinigan Chemicals	May 23	25	Carbide Chemicals - Union Carbide Canada's division will increase polyethylene capacity at its Montreal East plant	Feb. 21	34
Biddle Sawyer Corp. - imports enzyme from Japan	Jan. 31	76	British Nylon Spinners Ltd. - British textile producers are adopting two brandnames: Bri-nylon and Bri-lon	Apr. 11	25	Carbon Black Exports, Inc. - dissatisfaction with OES	Mar. 14	27
The Bin-Dicator Co. - bin indicator	Apr. 18	82	Firm, jointly owned by ICI and Courtaulds, is going ahead with expansion plans	June 27	39	Carbena Products - Carbena Soapless Lather rug cleaner	Apr. 4	57
Bio-Rad Laboratories - analyst's silicic Bissell Carpet Sweeper Co. - launched rug shampoo and dispensing unit	Jan. 17	65	Broemmel Pharmaceutical Co. - liquid poison ivy extract	Mar. 21	54	Carborundum Co. - GRB silicon carbide produced at new pilot plant	Apr. 18	114
Apr. 4-57	Apr. 18	58	Brooks Rotameter Co. - developed Flow Integrator	Feb. 14	34	Niagara Falls area as a plant site - survey	June 20	17
Black-Clawson Co. - cold-soda pulping	Feb. 7	56	Flow-rate calibrator	May 9	106	Pilot plant for production of ultra-high-temperature products soon to be built at Niagara Falls	Feb. 14	62
Black, Sivalls and Bryson, Inc. - mass flowmeter developed	May 23	80	Brown, Boveri & Co. - "Isotherm" compressor	Jan. 17	42	Research and Development Div. is making pilot-plant quantities of cor-		
Blaw-Knox Co. - Bufflovak Equipment Division designs new gas cleaner unit	June 20	50	Working on freezing method for desalting water	Jan. 10	25			
Bufflovak Equipment Div.'s new process for spray-drying of gluten	Jan. 10	34	Brush Beryllium Co. - will expand facilities at its Elmore plant near Toledo					
			Buck, Carl, & Associates - Canac rub-					

mosion-resistant silicon carbide foam	May	2	88	ern Canadian Seed Processors Ltd.	June	20	40	Div. of Dresser Industries has new	May	9	111
Starts survey of New York state	Jan.	24	86	at Lethbridge, Alberta				line of packaged control systems			
"business climate"	Jan.	24	86	National Cylinder Gas Div. has begun	May	16	104	Clark-Cooper Co. - controlled-capacity	May	2	89
Will explore new uses for plutonium	May	30	62	marketing an odorless deodorant				pumps			
for AEC				NCG's newest air separation plant	Apr.	25	75	Clary Corp. - Clary Dynamics Div.			
Caney Salt Co. - AEC negotiating with				onstream in L.A.				offers hand-loaded pressure regulator	May	9	111
Carley for field-scale tests in using				Chical Const. Corp. - British	Feb.	7	28	Clayton Mark & Co. - office union	May	16	80
worked-out salt mine as dump for				subsidiary may build fertilizer plant				Cleaver-Brooks Co. - package boilers	Apr.	4	46
radioactive wastes	Jan.	10	58	for the Indian government				ClevelandWorm & Gear Co. - Eaton Man-	Jan.	3	14
Carlson Products Corp. - will establish				Drafting plans with Power & Gas to				ufacturing will purchase firm			
its ninth and largest plastic pipe				build ammonium sulfate plant in	Mar.	7	17	Clevite Corp. - Cleveland Graphite			
plant at High Springs, Fla.	Apr.	25	29	Australia				Bronze Div. has an iron-base metal-	Jan.	17	95
Carnegies of Welwyn Ltd. - Brucine	Jan.	3	38	Will build Pemex anhydrous ammonia	June	27	30	lic compound with excellent anti-			
production	Jan.	3	38	plant at Nogales, Sonora	Apr.	18	18	friction properties			
Carrier Corp. - freeze unit soon to be	Jan.	17	39	Will probably build two plants in Texas	Mar.	21	12	Climax Molybdenum Co. - American			
tried in sea-water desalting				addenda - letter				Metal Climax Div. has developed a	Apr.	11	47
Will build saline-water conversion	Jan.	3	18	Chemical Fertilizer Co. - Collier Carbon	Apr.	25	29	new fertilizer additive called Moly-			
plant for government at Syracuse, N.Y.	Mar.	28	60	acquired all outstanding stock	Feb.	7	28	Div. of American Metal Climax suggest	Apr.	18	63
Carrier Conveyor Corp. - vibrating feeder	June	13	18	Chemical Fund Inc. - directors voted				its sodium molybdate for use as a			
Carrier Products - sales and earnings				stock split	May	9	106	corrosion inhibitor			
Catalin Corp. - gets \$2.3-million lift from	Jan.	17	23	Chemical and Industrial Corp. - com-	Mar.	14	29	Clintbrook Chemical - Huisking is con-	Jan.	24	25
Dow for special chemical expansion	Jan.	31	18	pressor design for nitric acid plants				solidating three affiliates			
Sales and earnings	Apr.	4	79	Will build nitric acid and ammonium	Jan.	3	9	Cluett, Peabody & Co. - stretchable pa-	June	27	99
Urea-formaldehyde resin for use in	Feb.	14	84	nitrate plants for California Spray-	May	16	17	per by Clupak, jointly owned by West	June	27	99
making particleboard				Chemical				Virginia Paper and Cluett, Peabody			
Catalysts and Chemicals - Chemetron-	Mar.	21	48	Chemical Paper Manufacturing Co. -	June	27	21	Clupak, Inc. - stretch paper by Clupak	Apr.	11	47
Catalytic Construction - Sun Oil's main-	Mar.	21	48	Standard Packaging - is buying firm,	Apr.	18	60	Coastal Chemical Corp. - chemical fert-	Jan.	17	25
tenance handled on contract	June	27	21	will be known as the Chemical Fine	Apr.	25	26	ilizer plant in the Bayou Casotte area	Jan.	31	18
Celanese - administrative reshuffling in	Mar.	21	44	Paper and Board Div.	June	27	21	Mississippi's subsidiary will get ad-			
chemicals and plastics divisions	Mar.	21	44	Chemical Process Co. - sales and	Apr.	25	26	ditional anhydrous ammonia facilities			
Beta-propiolactone, surface sterilant	May	30	25	earnings	June	27	21	Coastal Products - joint venture of Sun-	Jan.	31	18
Bought 216 acres on the Houston Ship	Mar.	28	53	Chemical Products Inc. - Century plans	Apr.	18	60	ray Mid-Continent Oil and Sundt			
Channel from Phillips	Apr.	4	83	to acquire some machinery and other	Apr.	25	26	Refining is completing plans for	May	23	76
Ester lubricant manufactured at Point	Jan.	17	42	facilities	Jan.	10	68	coking plant at Corpus Christi, Tex.	Feb.	28	66
Pleasant, W. Va. plant, Feb. 21-107	Apr.	4	83	Cheminform Institute - service covers	June	27	21	Cochrane Corp. - Water Treatment Div.'s	May	16	104
High-temperature jet-engine lubricant	Jan.	17	42	technical words and trademarks	June	20	75	Appalebaum on mixed-bed vs.	Apr.	11	47
Infrared control	Jan.	17	42	Chemische Werke Buna - East German	June	20	110	mono-bed demineralizers	Feb.	28	66
La Porte, Tex., property annexation	Apr.	25	94	chemical plant	June	20	75	Cohu Electronics, Inc. - TV-camera	May	16	104
Rock Hill synthetic fibers plant - em-	Apr.	18	17	East Germany will have the world's	June	20	110	mount	Apr.	11	47
ployees asking overtime compensa-	May	16	132	largest carbide plant by '65	June	27	21	Colgate-Palmolive - Genie hassle	Feb.	28	66
tion for Sunday work	Apr.	18	17	Chemo-Puro Manufacturing Co. - Century	June	27	21	Overseas sales rose 10.3% last year	May	23	76
Sales and earnings	May	16	132	plans to acquire all outstanding	June	20	75	Stock-split news buoyed market prices	Apr.	11	47
Sunday pay at Rock Hill, S.C., plant	Apr.	11	24	stock	June	20	110	Wants to get into the drug business by	May	2	17
Taking its first step into the solid	Mar.	28	24	Chemstrand Corp. - antistatic checklist	June	27	21	acquiring a small ethical drug firm	Jan.	3	14
rocket fuel field	Mar.	28	24	Decatur, Ala. research center will be	June	27	21	Will acquire Wildroot	Jan.	31	80
Celene - abuilding polyethylene plant	Mar.	14	76	moved to Raleigh, N.C.	June	27	21	Wins cutoff date			
owned jointly by Carbide and				Hoyer plans to go slow on expansion	June	27	21	Colgate-Palmolive Ltd. - expansion of	Apr.	18	63
Societa Edison				of Irish plant	June	27	21	Toronto plant, expects to double			
Cello-Masters - Polymaster Cling Wrap,	Mar.	7	31	Plans for nylon yam plant near Green-	June	27	21	Canadian sales of Wildroot products			
new polyethylene film	Mar.	7	31	wood, S.C.	Feb.	7	17	Collier Carbon & Chemical Corp. -	Apr.	25	29
Cellulosa y Derivados - Mexican firm	May	2	18	Sales and earnings	Mar.	14	28	acquired all outstanding stock of	Jan.	31	84
will get technical know-how for rayon	Jan.	3	42	Third U.S. company to join in Societa	June	13	'98	Chemical Fertilizer	May	2	17
textile production from Holland's AKU	Jan.	3	42	Edison's spiraling growth	May	16	54	Will add 15,000 tons/year of ammonia	May	2	17
Central Farmers Fertilizer Co. - court	Feb.	7	48	Will build multimillion-dollar research	May	9	72	to output			
battle with Monsanto ended	June	20	114	laboratory in the Research Triangle	June	20	112	Columbia Gas - wants chemical com-	May	2	17
Dismissal of counterclaim against	Apr.	11	65	Park of North Carolina - basic re-	Jan.	3	28	panies to build plants near its Columbia	May	2	17
Monsanto	May	2	65	search will be moved from Decatur,	Feb.	21	84	Hydrocarbon Corp. unit in Siloam, Ky.	May	2	17
Dropped plans to produce calcium	June	27	21	Ala.	May	23	34	Columbia Hydrocarbon Corp. - Columbia	May	2	17
metaphosphate at plant near George-	Jan.	31	25	Will build new nylon development	June	20	112	Gas wants chemical companies to	May	2	17
town Canyon	May	16	132	center at Pensacola, Fla.	Jan.	3	28	build near its unit in Siloam, Ky.	May	2	17
Monsanto trade-secret suit ends	Feb.	7	48	Chestnut Street Wholesale Sundries -	Feb.	21	84	Columbia Organic Chemicals - inter-	May	2	17
Neutral stand to co-op taxation	June	20	114	Ujijohn "fair trade" move	Feb.	21	84	medicates available in laboratory or	June	13	100
Central Scientific Co. - moisture balance	Apr.	11	65	Chicago Apparatus Co. - fraction col-	Feb.	21	84	piot-plant lots	Mar.	21	104
Central Solvents & Chemical Co. -	May	2	65	lector	Feb.	21	84	Columbia-Southern Chemical Corp. -	Apr.	18	78
multistate distributor	June	27	21	Lab equipment makers had a good year	May	23	34	titanium and zirconium corrosion-	Mar.	7	125
Nation's second-largest chemical dis-	Jan.	3	25	in 1958	Jan.	31	67	test program at its Barberton, O. plant			
tributor, states major expansion	June	27	72	Chicago Development Corp. - zirconium	June	13	'98	Wisconsin price-fixing charges dis-			
Century Chemical Corp. - plans to ac-	Apr.	11	25	chloride for use as a high-tempera-	May	23	34	missed			
quire Wilson Organic Chemicals,	Jan.	10	18	ture lubricant	Feb.	21	84	Columbian Carbon - opened new carbon	June	27	74
Chemo-Puro Mfg. Co., and Oil and	May	2	30	Chicago Molded Products - Campo Div.	May	23	34	black and pigment div. research	Jan.	17	25
Chemical Terminals, plus some ma-	Jan.	3	9	is offering plastic sheet with bacte-	June	27	68	center at Princeton, N.J.	Jan.	17	25
chinery and other facilities from				riostatic protection "built-in"	June	27	68	Concolloid, Inc. - new name for Common-	Jan.	17	25
Chemical Products				Chipman Chemical Co., Inc. - Buxtone,	June	27	22	wealth Oil Co. & Chemical	Feb.	14	27
Ceramic Color & Chemical Mfg. Co. -				weed killer	June	27	22	Commerce Oil Co. - Rumanian petroleum	June	27	64
uranium pigments				Seed disinfectants	June	27	22	import	Jan.	3	32
CERCA - Sylvania Coming Nuclear plans				Chippewa Plastics - polyethylene valve	June	27	22	Commercial Filters - ceramic filter	Feb.	14	18
to purchase a share in the French				bag machinery	June	27	22	Purchased the assets of Louisiana	Feb.	28	21
nuclear fuels producer - present				Program to stamp out plastic-bag deaths	June	27	22	Gas Production - will use new gas	Feb.	28	21
owners Saint Gobain, Pechiney and				Shareholders to approve acquisition by	June	27	22	supply to help feed Sterling plants	Feb.	28	21
SFAC				Christiana Securities - charges against	June	27	22	Seeks new leadership - J. Albert Woods			
Cerro de Pasco Corp. - purchased Con-				Du Pont affiliated holding company	June	27	22	resigns			
solidated Coppermines Corp.				Chrysler Corp. - auto exhaust purifier	June	27	22	Wheeler, Maynard C., elected president,			
Champion Paper & Fibre - plans to sell				Chrysler Ltd., newly formed subsidiary	June	27	22	and Jeremiah Milbank, Jr., chairman			
\$20 million worth of convertible				of Chrysler and Aluminum Ltd., will	June	27	22	Commonwealth Color & Chemical - name			
debentures				lease aluminum smelter at Beau-	June	27	22	changed to Concolloid, Inc.			
Champlin Oil & Refining Co. - expanding				hemois, Que.	June	27	22	Commonwealth Scientific and Industrial			
its Gulf Plains facilities for ethane,				Chrysler of Canada - will own a control-	June	27	22	Research Organization - three wool			
butane and propane				ling interest in Chrysler; is plan-	June	27	22	textile research labs are being de-			
Chance-Vought Aircraft Inc. - contract				ning a new aluminum die-casting	June	27	22	centralized			
for the Project Scout vehicle				plant at Windsor, Ont.	June	27	22	Compania Quimica - Sulfid, joint sub-			
Genesys Corp., computer-manufacturing				Chrysler Textiles Inc. - Acid Resistant	June	27	22	sidary of BASF and Cia Quimica,			
subsidiary, is working with Sun Oil				Clothing Div. is out with a new line	June	27	22	has started producing in San Nicolas,			
on control center at Marcus Hook, Pa.				of laboratory coats	June	27	22	near Buenos Aires			
refinery				Chryslum Ltd. - subsidiary of Chrysler	June	27	22	Conley, Jay S. & Co. - filed suit against			
Chase Bag Co. - bag-sealer				and Aluminum Ltd. will lease alu-	June	27	22	Colgate-Palmolive charging trade-			
Closure system, Moistite, for multiwall				minum smelter at Beauharnois, Que.	June	27	22	mark infringement			
bags				Ciba Co., Inc. - reactive brown	June	27	22	Manual valves			
Planning to make polyethylene ship-				Will move headquarters from New York	June	27	22	Consolidated Coppermines Corp. - Cerro			
ping bags				to Fair Lawn, N.J.	June	27	22	purchased Consolidated, got \$23			
Chase Brass & Copper Co. - wrought				Ciba Pharmaceutical Products Inc. -	June	27	22	million in cash and controlling in-			
chemium - processes for fabrication				Eidophor, new subsidiary, diversi-	June	27	22	terest in Titan Metal and Rockbestos			
Feb. 21-68				fies into television	June	27	22	Products			
Chatillon Co. - Italian firm to build				Eidophor, new TV system for live,	June	27	22	Consolidated Diesel Electric Corp. -			
viscose tire-cord plant for Russia				closed-circuit, color telecasts for	June	27	22	emergency generator			
at Saratov				sales promotion program	June	27	22	Consolidated Electrodynamics Corp. -			
Chem Flow Corp. - filter assembly				Russian-language courses	June	27	22	high-temperature chromatograph			
Chem Industrial Co. - heat-resistant				Singosep, synthetic rawolfin, and	June	27	22	Rochester Div. offers new pumps			
plant				hydrochlorothiazide, new hyperten-	June	27	22	Consolidated Mining and Smeiting Co. -			
Chemetron Corp. - complaint against				sion drugs	June	27	22	Calgary urea plant will be Canada's			
Catalysts and Chemicals has been				Cities Service Oil Co. - oxygen-enriched	June	27	22	second unit			
settled				air improves catalyst regeneration	June	27	22	Consolidated Water Power & Paper -			
Formed an affiliate in conjunction with				Citra - German consortium to erect fer-	June	27	22	lignin liquor processing plant on-			
Sund-Chemie				tizer plant at the Aswan Dam sites	June	27	22	stream at Appleton, Wis.			
Girdler Construction Div. reports at				City Chemical Corp. - lab compounds	June	27	22				
NCA meeting how modernization				Clairrol, Inc. - hair colorant firm bought	June	27	22				
pay off				by Bristol	June	27	22				
Girdler Div. to engineer and equip veg-				Clark Bros. - centrifugal compressor	June	27	22				
etable oil-processing plant for West-					June	27	22				

Process to recover soda ash from spent sulfite liquor	May	16	94	Offering oral liquid form of poison ivy extract	June	27	39	Dow Chemical Co. - adhesive patents	June	27	44
Continental Can Co. - blueprinting bleached sulfate paperboard and paper mill near Augusta, Ga.	Apr.	25	29	Product-liability controversy	Feb.	21	111	Blueprinting polyethylene film unit in Fresno, Calif. - Extruders will operate it.	June	13	17
Developed polymer checker	June	13	102	Cyanamid of Canada - expects to start up its urea plant at Hamilton, Ont., after the new seaway is opened - may shape up competition in the Caribbean	Apr.	11-17	22	Building caustic terminal on the Mississippi River at St. Louis, Mo. and plant at Plaquemine, La.	May	2	80
Continental Carbon - building carbon-black plant at Rotterdam	May	9	38	Lederle Div. has new drug for treatment of alcoholism	Jan.	17	70	Doan, Leland, appears before security analysts group	Mar.	28	75
Witco has a major stake in carbon black, owns 20% Continental Oil and Shamrock Oil are the other owners	June	27	27	Natural gas will replace coal as a source of raw materials for ammonia at Welland, Ont., plant	Feb.	21	108	Dowell Div.'s corrosion testing wheel for drilling fluids	May	30	76
Continental-Diamond Fibre Corp. - Budd Co. subsidiary will build research laboratory at Newark, Del.	Feb.	7	75	Will convert its St. Jean, Que. facilities for producing Formica laminates	Apr.	11	25	Epoxy resin	Jan.	24	25
Continental Oil Co. - Conoco Deminvis for making foam	June	27	44	Cyprus Mines Corp. - joint venture with a Dutch company to produce sulfuric acid	Apr.	4	28	Formed a Swiss subsidiary	Mar.	21	21
Continental Carbon, jointly owned by Continental Oil, Witco Chemical and Shamrock Oil, is building carbon-black plant at Rotterdam	May	9	38					Grebe, John, and E.V. Luoma describe potential chemical benefits from the peaceful atom at Plowshare symposium	May	23	63
Formed subsidiary in the Netherlands	Feb.	21	33	Dai-ichi Bussan - merged with Mitsui Bussan, Japanese trading company	June	13	42	Grebe, John, presents an extension of his periodic table of fundamental particles at NYAS' Div. of Nuclear Physics meeting	Mar.	21	104
Cooper Alloy Corp. - readying a radioactive shot	Mar.	28	60	Danubius Petrochemie - funds will be raised in the U.S. to finance petrochemical development in Austria	Feb.	21	34	Justifying disposal costs	Apr.	18	132
Cooper-Bessemer - centrifugal compressor	May	9	106	Dasher Rubber & Chemical Co. - cost- and time-saving shortcut in rubber drying	May	30	83	Lends Catalin \$2.3 million for special chemical expansion	Jan.	17	23
Coors, Adolph, Co. - beer dons an aluminum wrap	Jan.	10	39	Davis Engineering Corp. - acquired by American Metal Products	Feb.	28	22	Magnesium hydroxide supplier to basic producers	June	20	106
Copolymer Rubber & Chemical - new GRS synthetic-rubber production line at Baton Rouge, La.	Apr.	11	94	The Day Co. dust sampler	May	2	88	Magnesium hydroxide will be piped from Freeport, Tex. to B.J. Lavino Co.'s planned magnesite plant	May	16	37
Cornac Chemical Corp. - one-solution photographic developer fixer, Unibath	May	2	61	Daystrom Systems - joint computer-control project at UOP's labs	Mar.	14	65	Midland Div.'s equipment salvage plan	Jan.	17	73
Com Products - Best Foods Div.'s Rit dyes household dyes	May	9	52	Dayton Rubber Co. - American Latex Products Corp., a subsidiary, is testing auto tires filled with urethane foam	Apr.	25	65	Moving deeper into the antifreeze business	June	13	18
Dividend boosted	Jan.	3	15	Dean Witter & Co. - Crane, Nicholas, president of N.Y. Society of Security Analysts, interviewed by CW	Mar.	28	75	Polystyrene roof insulation, Roofmate, Rio Tinto Dow Ltd. has started first trial production in Canada	Jan.	31	87
Sales and earnings	May	2	18	De Bardeleben Marine Corp. - water transportation concern is planning molten sulfur terminal at Tampa, Fla. with Texas Gulf	Mar.	21	17	Rumors that Russia has welched on the benzene deal denied	May	30	80
Coming Glass Works - coil-type heat exchangers	Feb.	14	84	Degen Oil and Chemical Co. - pure polytung oil	Feb.	21	52	SQC as a production tool	June	20	18
Sales and earnings	Feb.	14	84	Degussa - developed method of producing nuclear-grade uranium tetrafluoride	Feb.	7	56	Sales and earnings	Jan.	17-17	Jan. 24-17, Feb. 21-18
Settlement with Local 1016	Jan.	17	65	Hydrogen peroxide	Mar.	21	17	Saran Yarns Co., former subsidiary, acquired by National Plastics	Mar.	21	25
Twenty-gallon glass kettles	Apr.	4	43	Improved process for making hydrogen peroxide	Feb.	21	52	Second PE expansion at Freeport, Tex. - also building in Bay City, Mich.	June	6	81
Corrosion Reaction Consultants, Inc. - CRC, versatile new corrosion inhibitor, dries out water-soaked electric motor	Apr.	18	106	De Laval - compressor design	May	9	106	Solid-fuel research contract	May	2	62
Corson, G. & W.H., Co. - lime hydration process	Jan.	24	32	Delaware Poultry Laboratories - acquired by Sterling Drug	Jan.	24	25	Started investing in means of using the Seaway	Apr.	11	22
Corwith Corp. - Crane Co. subsidiary to handle government-sponsored R&D	June	20	76	Delaware Realty - charges against Du Pont affiliated holding company	Feb.	28	13	Starts marketing synthetic fiber, Rovana	Jan.	24	74
Cosmopolitan Commodities Co. - spray-on starch	June	6	27	Delhi-Taylor Oil Corp. - confirmed its estimates of high-grade potash reserves south of Moab, Utah	May	2	26	Styrene monomer plant sum to be built in Australia by Dow and C.S.R. Chemicals Pty. Ltd. Feb. 7-18	Feb.	14	24
Cotton Valley Solvents - all the capital stock acquired by Triangle Refineries, subsidiary of Kerr-McGee Oil	Feb.	7	92	Partnership arrangement to tap potash reserves in Utah	June	20	86	Technical Service and Development, part of the Chemicals Dept., to step up product development program	Apr.	4	28
Coughlan, C.N. Co. - leader in the silver dip field	June	13	46	Deming Co. - sump pumps	June	27	64	Texas Div. held its first technical meeting for employees	May	23	56
Courtaulds, Inc. - new generic name for two new rayon fibers denied by FTC	Mar.	21	87	Dens-Flo Pumps, Ltd. - new pump for conveying dry chemicals	Mar.	7	100	Texas Div. reached agreement with 10 unions	June	20	133
Courtaulds Ltd. - \$42-million deal with Russia to supply complete plants and processes for viscose rayon tire cord	May	16	18	Denver Equipment - sump pumps	June	27	64	Two days to tell Dow's processing position - letter	Jan.	3	4
Negotiating to acquire Harbens Ltd.	May	2	26	Desomco Products, Inc. - acquired	Jan.	3	14	Uses Opon system in small dehydrogenation plant	Jan.	3	28
Started producing polypropylene yarns a, the Little Heath plant of British Celanese	May	23	63	Anders Lykens Corp.	Jan.	3	27	Will build polyethylene film plant near Fresno, Calif.	May	30	18
Cowles Chemical - cleaner coater	Jan.	31	69	Detroit Diesel Div. - diesel-powered fork trucks for chemical plants	Jan.	3	27	Will spend \$12 million for new construction in Plaquemine, La.	May	23	17
Cox and Gillespie - chemical engineering consultant firm	May	16	52	Devcon Corp. - lead putty	Apr.	18	64	Will supply Kaiser's Midland plant with magnesium hydroxide	May	23	25
Crane Co. - formed a subsidiary, Corwith Corp., to handle government-sponsored R&D	Jan.	24	32	Liquo aluminum	Feb.	7	94	Wisconsin price-fixing charges dismissed	Mar.	7	125
Vitro Corp. - acquiring Crane's equity interest in Heavy Minerals	Feb.	28	22	Rubber "putty" for home repair work	May	2	38	Dow Chemical of Canada - plans to expand in oil-rich Alberta	Jan.	24	18
Crawford Fitting - teflon fittings	May	16	80	Development Engineering Co. - Hot-Cold Humidity Chamber	Apr.	11	91	Dow Chemie A.G. - Dow's Swiss subsidiary	Mar.	7	31
Creole Petroleum Co. - disadvantages of new income tax boost for Venezuelan subsidiary of N.J. Standard	Jan.	3	10	Devon-Palmer Oils - Canadian sulfur venture	June	13	105	Dow-Coming Corp. - glass dyeing process	May	2	44
Crest Instrument Co. - division of Magna Products has developed contamination detector	Apr.	11	91	Diamond Alkali - chlorine expansion	Mar.	7	113	Licensed ultrapur-silicon process from Westinghouse	May	9	104
Crippen & Erlich Laboratories - Snell, Foster D., has changed the name of its subsidiary to Crippen Laboratories	May	16	57	Chromic chloride	Mar.	21	98	RC-type silicone rubber for lifting fingerprints from irregular surfaces	Mar.	21	38
Crossett Co. - completed new paper coating pilot plant	Apr.	4	86	Laundry alkali, Orthobrite	June	6	60	Dracone Developments Ltd. - Dracone, a flexible plastic barge, in successful sea test	June	20	37
Crown Industrial Products - cooling spray	Mar.	21	44	License program nets process dividends	Apr.	25	21	Flexible plastic barges	Mar.	7	17
Crown Zellerbach - bagasse pulping at pilot plant at Camas, Wash.	Jan.	31	62	Modernization of chlorine-caustic soda plant at Painesville, O.	May	9	52	Drakeries B.F. & Co., Inc. - uranium pigments	Jan.	3	25
Chemical Products Div. - construction of pilot plant started at Camas, Wash.	Jan.	31	76	Sales and earnings - Jan. 24-17, Mar. 28-18	Apr.	11	34	Dresser Industries - antitrust charges against barite producer	May	30	28
Credit department helps small business customers solve their financial problems	Apr.	11	32	Diamond Crystal Salt - two-year contract has ended strike at Akron, O., plant	Apr.	18	116	Clark Bros., a division, has new line of packaged control systems	May	9	111
Sales and earnings	May	2	18	Diamond Power Specialty Corp. - Electronics Div. has new tubing-inspection camera	Feb.	14	61	Duche, M. & Sons - dissolved its subsidiary, Duche Union Corp., and will operate it as a division	May	16	40
Western-Waxide Div.'s new PE film extrusion plant in Orange, Tex., has been put into operation	June	6	81	Dillon, W.C. & Co. - dynamometer for measuring bond strength	Apr.	27	30	Dumas Milner Corp. - producer of household cleaning products will diversify into pharmaceuticals by acquiring Taylor Laboratories	Mar.	21	25
Cruickshank R. Ltd. - will manufacture and distribute Pensalt metal processing chemicals in the U.K.	Feb.	14	25	Distillers Ltd. - acrylonitrile process	June	27	30	Dumex - foreign sales gain for Pfizer	June	20	37
Cudahy Packing Co. - acquisition of Old Dutch Cleanser puts Purex in national picture	Apr.	11	41	Dixon Chemical Industries - building sulfuric acid plant in Paulsboro, N.J. and planning aluminum sulfate unit in Newark, N.J.	June	27	30	Dundee Cement Co. - stepping up construction of cement plant at Monroe, Mich.	Apr.	11	25
Cupoles-Hesse Corp. - St. Regis Paper will swap stock for an 80% interest in the tag and envelope maker	Apr.	11	25	Dixon Chemical & Research, Inc. - Dixon-Western Chemicals Inc., new firm, jointly owned by Dixon and American Sulphur, will operate sulfuric acid plant at Sulphurdale, Utah	June	27	30	Du Pont - awarded \$1.2 million in educational grants for 1959-60	Jan.	17	62
Curtis, Helene - doesn't use PVP or VP copolymers for hair spray	Apr.	25	63	Dixon-Western Chemicals Inc. - firm, jointly owned by Dixon and American Sulphur, will operate sulfuric acid plant at Sulphurdale, Utah	June	27	30	Calico sold U.S. rights of polyester patents to Du Pont	Mar.	28	22
Cutter Laboratories - acquiring Olympic Plastics Co., and Olympic Containers Inc.	Mar.	28-17, 24		Dominion Fertilizers Ltd. - Electric Reduction Co. of Canada has purchased the phosphatic fertilizer plant at Port Maitland, Ont.	June	20	40	Caprolactam report	Jan.	3	32
Antihypertensive research	Feb.	7	72	Dominion Foundries and Steel, Ltd. - third Oxyton unit in Hamilton, Ont.	Apr.	25	75	Case study of cleanliness in preventing industrial dermatitis	Feb.	21	100
Building addition to its plant in Chattanooga, Tenn.	June	27	30	Dominion Tar & Chemical Co. - will boost its annual dividend	Jan.	24	25	Cellophane industry progress report - Tecumseh, Kan. plant is producing commercially	Jan.	17	79
				Dow Agrochemical Ltd. - will build plant in Norfolk	Apr.	18	41	Cellophane plant opened at Tecumseh, Kan.	May	23	74
								Ceramics Div. established within Electrochemicals Dept.	Jan.	17	25

Coal chemicals attempt Completing titanium dioxide pigments plant at New Johnsonville, Tenn., and exploring limonite-bearing land in nearby areas	May 23 21	Tetraethyl lead plant in Antioch, Calif. Textile Fibers Dept. - research prom- ises rayon resurgence	Jan. 10 23	Empresa de Refractarios Colombo-Suiza, S.A. - General Refractories will buy 50% interest	Apr. 25 29
Considering polyethylene film opera- tions in a former rayon plant at Richmond, Va.	Feb. 14 24	Tough films and strong fibers revealed at Boston meeting	Mar. 21 87	Emulsol Chemical Corp. - Witco Chemical is merging its subsidiary into the Organic Chemicals Div.	Mar. 21 25
Considers building a tetraethyl lead plant with the government of Mexico	Apr. 4 28	Vertical integration Will build new wing on its high-purity silicon plant near Brevard, N.C. to produce single-crystal silicon	Apr. 11 83	Endo Laboratories - infrared control	Jan. 17 42
Dawson, David, new chairman of MCA's executive committee	Apr. 4 18	Will build research lab for Elastomer Chemicals Dept.	Feb. 14 18	Engelhard Industries - developed an elec- trical anticorrosion system for boats, Capac	May 2 38
Decision due in antitrust case	June 20 39	Will market herbicide from Heyden	May 16 52	Opened its new R&D laboratory in New- ark, N.J.	June 20 110
Denies trade talk that it plans to pro- duce acrylonitrile at Orange, Tex.	Apr. 18 39	Will sell mill village at Deepwater Point, N.J.	Apr. 11 23	English Electric - building Hinkley Point's new atomic power plant - large- scale crane will move equipment	June 6 46
Directors voted a first-quarter dividend of \$1.50	Apr. 4 65	Will start to build multimillion-dollar acrylo unit at its Memphis, Tenn., Electrochemicals Dept. plant	May 16 131	Enjay - Esso's marketing subsidiary will launch all-butyl tire this summer	Jan. 31 22
Economist Charles Reeder thinks that '59 will be a boom year	Feb. 21 18	Won another important antitrust skirmish with the government	June 27 25	Sales prediction	Feb. 7 17
Electrochemicals Dept. has dedicated new research center at Niagara Falls, N.Y.	Feb. 21 17	Du Pont of Canada - continuing a port project at Maitland, Ont.	Mar. 7 18	Tracy wants MCA against exporting know-how to Russia	June 20 39
Engineering research	Jan. 31 76	Sales and earnings	Apr. 11 22	ENSA - Franco-British industrial combine will build nitrogen fertilizer plant in Iran	Jan. 3 16
Engineering Service Division consult- ants refer to their plant tours as "\$10,000 walks"	June 20 95	Du Pont Co. Ltd. - opened its Elastomers Research Lab. at Hemel Hempstead, nearby London	Feb. 7 17	Enthone Inc. - American Smelting sub- sidiary, offers new corrosion inhibitor for copper and brass	May 9 57
Engineering Service Div.'s corrective maintenance program cuts breakdown frequency	June 13 49	Du Pont de Nemours International, S.A. - Geneva-based sales company will handle Du Pont's sales in Europe	May 16 57	Liquid detergent	Mar. 21 44
Equipment testing at Wilmington, Del. engineering center	Apr. 25 79	Duralab Equipment Corp. - electronically operated fume hood	Feb. 28 13	Spot-checker	Apr. 11 47
Established research lab in England	May 16 73	Duramic Products, Inc. - machinable cer- amic	Apr. 11 91	Steel electrocleaner	June 6 60
Explosives Dept. will put up a small commercial unit at its Repauno Works to produce intermediates	Mar. 7 31	Durion Co. - titanium pumps and valves Duval Sulphur and Potash - prospective partner of Delhi-Taylor Oil	Apr. 11 106	Subsidiary of American Smelting is of- fering aluminum etching	Jan. 31 69
FEP, fluorinated ethylene propylene, plant at Parkersburg, W. Va., will start commercial production in 1960	Jan. 17 80	Dynamics Reading Chemicals - coal-chem- icals project at Pottsville, Pa.	Apr. 11 109	Entoleter Div. - div. of Safety Industries has designed a new model of its im- pact mill	May 9 109
Faces product liability suit over herbicide	June 13 66	\$100-million joint venture in chemicals from coal	June 20 69	Erdelchemie GmbH - joint subsidiary of Farbenfabriken Bayer and BP Benzin and Petroleum has put on stream the first units of its automated petroleum complex	Apr. 18 41
Formed new foreign and banking div. The Fear bill isn't getting any Admin- istration support	Feb. 7 28	Eagan, Walter H. Co. - metering pump	June 27 27	Erico Products - explosion investigation at Cleveland plant	Apr. 25 92
Freon C-318 for food packages	June 6 29	Ealing Corp. - Boston firm is importing Russian school lab equipment	May 30 55	Ericsson Telephone Co. - equipment failure recorder	Apr. 25 82
GM-Du Pont antitrust suit - Chicago is the scene of biggest legal tussle	May 23 32	Eastern States Petroleum & Chemical - working out merger terms with Signal Oil & Gas	Jan. 31 28	Eriez Mfg. Co. - vibrating feeder	Mar. 28 60
Geneva-based sales company, Du Pont de Nemours International, Feb. 28-13	Feb. 28 13	Eastman Chemical Products Inc. - poly- ethylene wax	June 6 20	ESB-Reeves Corp. - jointly owned com- pany of Electric Storage Battery and Reeves to develop porous and micro- porous materials	May 9 64
Gordon, Dr. Gerald, says that the acci- dent maker is suffering from a form of mental illness	Mar. 21 21	Eververay charged with trademark viola- tion	Mar. 28 70	Escambia Chemical - methacrylic acid and methacrylates process on the way to commercialization	June 20 91
Husking purchased patents, processes of synthetic camphor from Du Pont	May 9 108	Violon will use 1 million lbs. year of cellulose acetate for its plastic heel venture	Apr. 18 139	\$1.2-million investment in research center on the Norwalk River at Wilton, Conn.	May 2 80
Improved Hypalon rubber	Feb. 7 94	Eastman Kodak - directors recommend several changes in company's equity structure	May 16 37	Propylene-to-acrylonitrile process	Feb. 14 61
Industrial and Biochemicals Dept. will take over all Grasse/II Chemicals operations as well as some from the Polychemicals Dept.	June 6 38	Handling of outside suggestions	Mar. 7 31	Esso Research and Engineering - gasoline additives to grow - W.A. Herbst at CCDA meeting	June 13 72
Instrument investment	May 30 18	Research physics division's building under construction at Rochester, N.Y.	June 13 96	Naphtha upgrading process	June 6 86
Instrument maintenance	May 30 53	\$61 million for capital investments in 1959	Apr. 18 114	Organized a new unit of scientists to handle Army Ordnance research con- tract on solid propellants	Feb. 21 82
International Dept. being organized in preparation for stepped-up activity within the Common Market	Jan. 10 17	Stock-split news buoyed market price	Jan. 17 25	Paulsen, Charles, on combined research and engineering at AMA conference	Feb. 21 22
La Porte, Tex., property annexation	Jan. 17 34	Eververay charged with trademark viola- tion	Feb. 28 14	Solid-fuel research contract	May 2 62
Large U.S. producer of trichloroeth- ylene imports raw materials from Italy	June 6 64	Eaton Manufacturing Co. - will purchase Cleveland Worm and Gear	Apr. 18 139	Unveiled a new multipurpose grease	June 13 100
Licensed silicon process from Inter- national Telephone & Telegraph	May 9 104	Economics Laboratory, Inc. - computer buyer	Jan. 3 14	Will give technical assistance to Toa Nenryo	May 30 22
Louisville, Ky., neoprene plant voted to accept a company offer	May 2 80	Edison Electric Institute - atomic power development program	May 30 76	Esso Standard - all-butyl automobile tire, Atlas Bucron	May 16 98
Lubes for ultrahot-running jet engines of the future	Jan. 24 64	Eidophor - Ciba's new subsidiary divers- ifies into television	Jan. 31 30	Bayway, N.J., refinery Manager Ross Murrell plays host to pollution-control officials	May 16 128
Mexico to decide who will build new titanium dioxide plant	Jan. 10 67	El Paso Natural Gas Co. - natural gas for Los Angeles plants	June 13 64	Enjay, marketing subsidiary, will launch an all-butyl tire this summer	Jan. 31 22
Miller Engineering's bag palletizer sold to Du Pont for neoprene rubber bagging	Apr. 25 69	Supreme Court decision on antitrust cases may affect proposed merger of El Paso Natural Gas and Pacific Northwest Pipeline	May 23 28	Fawley complex is a major producer of U.K. petrochemicals	Feb. 21 29
Modernization will cut 500 employees off the present labor force of Belle, W. Va. plant	Feb. 7 68	Electric Hotpack Co. - electric furnace	Mar. 14 32	5% offer to some independents on the Eastern seaboard	Jan. 31 79
Neburon, urea herbicide, sold as Kloben	Jan. 31 61	Electric Reduction Co. of Canada - mem- ber of England's Albright & Wilson group will put up plants at Port Mait- land, Ont. to produce mineral acids and phosphates	Apr. 18 83	Gas turbines involved in ethylene plant fire at Baton Rouge	Jan. 31 54
Negotiations at Niagara Falls	Mar. 14 42	Purchased the phosphatic fertilizer plant of Dominion Fertilizers Ltd. at Port Maitland, Ont.	Apr. 4 28	Hoffa and his Teamsters are concentrat- ing on three major oil refineries	Apr. 4 24
New department at Geneva will handle synthetic fiber sales in Europe	May 9 45	Will build several new units at Port Maitland, Ont., for producing sulfuric acid and other products	June 20 40	On-the-job training for MIT students	Mar. 7 118
New sodium plant at Memphis, Tenn.	Jan. 24 76	Electric Storage Battery Co. - forming a jointly owned company, ESB-Reeves, with Reeves Bros., to develop plastic fabrics	Mar. 14 29	Ethyl Corp. - developed a series of eight new antioxidants	June 13 101
New tradenames for urea herbicides	Jan. 17 95	Purchased American Machine and Foundry Co.'s battery Lab at Raleigh, N.C.	May 9 64	Has been studying the possibility of a TEL plant in Mexico	Apr. 4 18
Operates heavy-water plant for AEC at Savannah River, S.C. Idle Dana, Ind., plant eyed by the Army	June 13 40	Electrolux Corp. - entry in the carpet- cleaning business	May 2 49	TEL process improvements	June 13 38
Orion plant in the Netherlands will be third plant outside the Americas	Feb. 21 33	Electronic Associates, Inc. - transistor- ized analog computer	Apr. 18 58	Ethyl-Dow Corp. - reached agreement with 10 unions	June 20 133
PVAc price cut - letter	Feb. 28 11	Elektrochemische Industrie GmbH - direct acetaldehyde route	May 9 120	Evans Chemetics, Inc. - ammonium thy- oglycolate for wool permanent process	Mar. 21 40
Patent on cyclamate sweeteners expires	Mar. 7 75	Elektrochemisches Kombinat Bitterfeld - East German chemical plant	Apr. 11 100	Si-Ro-Set permanent plating and creasing process	June 6 60
Pensions	Feb. 21 118	Elliott, George, Co. - wage incentives study	Apr. 25 26	Using quassin for brucine	Jan. 3 39
Petroleum Div.'s Aviation Fuel Addi- tive	Jan. 31 69	Ellis-Foster Co. - American Cyanamid's legal battle with Ellis-Foster over synthetic resins licensing	Jan. 10 46	Everlasting Valve Co. - steam-jacketed valve	Feb. 14 34
Plans for Mylar plant in Florence, S.C.	May 9 40	Emery Industries - antistatic fiber tube	June 27 55	Evis Manufacturing Co. - FTC relied on scientific evidence in deciding water- conditioner case	Apr. 11 28
Polyvinyl fluoride film for outdoor use	Apr. 11 87	Bernard Works shut down by Ohio River floods	May 2 40	Ex-Cello Machine Co. - Pure-Pak Div. leading producer in the wax carton field	Mar. 21 106
Port Orange, Fla., solar test station uses plastic films	June 6 90	Candlemaker turned jet-age competitor	Jan. 31 24	Executive Assets, Inc. - developed a test to find accident makers, Joseph Dean Edwards reports	May 9 108
Propylene-to-acrylonitrile process	Feb. 14 61	Holds patents on dimer acid process	Feb. 21 43	Experiment, Inc. - Texaco is acquiring Experiment through an exchange of stock	June 13 100
Revaluating site at Florence, S.C. for new film products plant and expand- ing Chesnut Run film lab	Apr. 18 41	Enkay Chemical - fabric saver, Enkatex NTA	May 2 43	Extruders Inc. - Dow subsidiary will op- erate new polyethylene unit in Fresno, Calif.	June 13 17
Russia is settling a \$1.5-million pay- ment	Mar. 14 22		Mar. 28 70	Fabrica Argentina de Hidrosulfita y Afines S.A. see Sulfidus S.A.	
Sales and earnings	Jan. 24-17				
Salvage and Reclamation Div. shows figures how much salvage programs can return	Apr. 18 17				
Self-lubricating plastic piston rings for compressors	Jan. 17 74				
Statistical quality control	May 16 81				
Stereospecific polymer research	Jan. 3 30				
TEL process	Feb. 14 65				
Teflon FEP is being used as wire in- sulation	June 13 38				
Tennessee Valley's first titanium di- oxide plant at Johnsonville will start production	May 9 110				
	Mar. 14 76				

dating three affiliates	Jan.	24	25
Goldsboro Lumber Co. — Halifax Paper purchased land in N.C. formerly held by Goldsboro	Feb.	7	28
Goodrich, B.F. — adhesives for polystyrene Ameripol SN bids for natural rubber market Hydrac 2202, brominated butyl	June	20	75
Industrial Products Div. turns out Koresol, flexible magnetic plastic	Mar.	21	23
Organized a subsidiary in Iran to build tire and tube plant at Teheran; also putting up plants in Australia and Brazil	Jan.	31	61
Predicts foreign synthetic rubber capacity —	Apr.	11	44
Set up Goodrich-High Voltage Astronautics together with High Voltage Engineering	May	16	40
Vinyl-steel adhesive	Jan.	31	21
URW negotiations	May	9	45
Goodrich Chemical — acrylonitrile expansion	Mar.	21	38
Construction of fullyautomated unit at Calvert City, KY., plant	June	20	133
Darvan fiber	June	27	25
Harmon Colors sold to Allied Chemical Goodrich-High Voltage Astronautics, Inc. — joint venture to research, develop and produce ion-propulsion engines for space flight	Jan.	24	74
Goodrich, B.F. Goodrich, S.A. — subsidiary of B.F. Goodrich will build a tire and tube plant in Teheran, Iran	June	6	38
Goodyear Tire & Rubber — Aviation Products Div. has developed rubberized fabric that will withstand radiation exposures	Apr.	25	22
Contract with URW	May	9	45
Expected to buy shares in synthetic rubber plant built by the Indian government	June	27	30
Firestone and Goodyear signed contract with Brazil's Petros to build and operate synthetic rubber plant at Duque de Caxias	May	30	70
Fringe benefits	May	16	132
Ginsmore advises letting staffers in on project plans	May	16	40
Natsyn bids for natural rubber market — Offering insulated rubber hose	June	6	27
Two synthetic rubbers, Plioflex	Mar.	21	126
Vitalfilm for food packaging approved by FDA	June	6	35
Will build tire plant in France	Mar.	21	23
Will double its vinyl flooring production at Akron, Ohio	May	23	80
Will increase authorized common stock if stockholders approve	Jan.	31	76
Goodyear Tire & Rubber Co. of Canada — planning new multi-million-dollar plant for Western Canada	Apr.	18	41
Gould-National Batteries, Inc. — moving research lab from Depew, N.Y. to St. Paul	June	20	40
Grace, W. R. & Co. — Davison Chemical Div.'s Dri-Die Horticultural Dust 91 to conquer rose mites	Mar.	7	31
Davison Chemical's Dri-Die Insecticide scored well against Florida termites	June	13	42
Davison Chemical's entry into molecu- lar sieve competition	Jan.	10	83
Davison Chemical has installed continuous superphosphate route	Mar.	28	54
Davison Chemical — head-start in nuclear fuel metals	Jan.	17	69
Davison Chemical Div. is starting ex- pansion of its fertilizer plant at Ft. Pierce, Fla. — will produce granu- lated fertilizers	Mar.	28	54
Davison Chemical posted price list for nuclear reactor feed materials	June	6	90
Davison Chemical Div. reveals ingredi- ents of Dri-Die plant	Feb.	7	28
Dewey & Almy made experience pay dividends in the design of its new Owensboro, Ky., resins plant	Apr.	4	79
Dewey and Almy started up a paper research laboratory	Jan.	31	61
Expansion of its Simpsonville, S.C., polyurethane foam plant	June	27	61
First-half earnings expected to be up 50% Grace Line's freighter Santa Regina will be the first ship to transit new Sea- way channel	May	9	104
Hetco Chemical Co. will become sixth chemical operating division	June	13	17
Partners in fertilizer plant being built on Trinidad	May	16	17
Polymer Chemicals Div.'s Elwyn Winne — optimistic forecast of high-density polyethylene demand	Apr.	11	17
RCI has licensed Probst & Cia, a sub- sidiary, to make synthetic resin	Apr.	11	18
Research lab in Zurich, Switzerland	June	6	90
Sale of earnings Apr. 25-21 — letter- due process package offered by ex- perienced trio	Mar.	7	91
Grand Central Rocket Co. — former presi- dent Charles E. Bartley will head Rocket Power Inc. — expansion pro- gram completed	Mar.	28	39
GranFlow Systems, Ltd. — expansion of new pump for dry chemicals, Dens- Flo	May	2	24
Graphic Calculator Co. — equation predictor Grasselli Chemical — Du Pont will take over all operations	Mar.	7	101
Great American Industries — acquired Na- tional Chlorophyll with plants at Lamar, Colo.	Feb.	7	75
	May	30	10

Great Lakes Copper Co. — ICWU is picketing employment office at			
Morganton, N. C.	June	13	66
Strike at Morganton, W. Va.	June	27	56
Two-year contract	May	9	72
Griscom-Russell Co. — cheaper fresh water from the sea	Mar.	28	53
Guano's Fertilizers — Mexico has taken control of phosphate deposits in Lower Calif., may cut down on imports for government plant	June	13	42
Gulf Oil — Gallery Chemical is owned 50-50 by Gulf and Mine Safety Appliance	Jan.	24	18
Completed engineering work for petrochemical plant at Philadelphia refinery	Apr.	4	28
5% offer to OCAW	Jan.	31	79
Headquarters moved from Pittsburgh to Houston	May	23	17
Launching engineering studies in Charleston, S.C. for a proposed refinery	Mar.	7	31
McAfee, Jerry, predicts petrochemical demand	June	20	83
Port Arthur, Tex. refinery hit by strike	Feb.	14	84
Transferred its Refinery Technology Laboratory in Philadelphia from the Manufacturing Dept. to the Gulf R&D Co.	Mar.	21	94
Gulf States Paper Corp. — investment of \$20 million in its facilities at Tuscaloosa, Ala. on the Warrior Tombigbee Waterway	May	2	80
Gulton Industries — Alkaline Battery Div. — nonchemical power sources threat to battery makers?	Mar.	21	92
Gusmer, A., Inc. — epoxy spray gun	Feb.	14	76
Gypsum, Lime and Alabaster Canada Ltd. — expands capacity of its Montreal plaster plant	Feb.	14	25
Hagan Chemicals & Controls, Inc. — new stock split is on tap	Jan.	3	9
Will be addition to research facilities	June	20	110
Habty Products Co. — ammonium thioglycolate for wool permanent process	Mar.	21	40
Halifax Paper Co. — purchased 22 tracts of timber land in North Carolina	Feb.	7	28
Halocarbons Products — adds rust inhibitor	May	16	104
Handy & Harman — refiner of precious metals estimates silver consumption	Feb.	21	92
Hanna Coke Corp. — Ohio River floods polluting-producing reactor to be built	Apr.	25	66
curtain production	Jan.	31	24
Hanson-Van Winkle-Munning Co. — dry-mixture pickler	Feb.	7	94
Harbens Ltd. — Courtaulds is negotiating to acquire rayon manufacturing	May	2	26
Harbison-Walker Refractories Co. — acquired Pacific Clay Products' refractories div. in Lone, Calif.	Feb.	7	28
Basic brick for open-hearth steel furnaces	June	20	105
Opened its new Garber Research Center in Pittsburgh	Jan.	24	36
Hardfoam Products Ltd. — formed Canadian firm, will produce polyether foams in Toronto, using "one-shot" process	May	23	25
Harmon Colors — purchased by Allied, will operate as a unit of National Aniline	Apr.	25	22
Harris Research Laboratories — moved to headquarters in Washington, D.C.	Jan.	31	76
Harrison Mfg. Co. — metallic seal	Feb.	7	64
Harshaw Chemical — chelate ester	Mar.	7	107
Research in ultraviolet absorbers	Apr.	11	87
Uranium pigments	Jan.	3	25
Harvey — aluminum capacity	Mar.	14	72
Hatco Chemical Co. — acquired by R. Grace	June	27	21
Have Industries — prospective buyer of General Electric's molded plastics business	Mar.	28	18
Hawaiian Cement Corp. — \$12-million cement plant proposed in Hawaii by newly formed company	May	9	45
Hawaiian Extruders Inc. — Dow is teaming with Pacific Chemical to form polyethylene company in Hawaii — will take over small plant formerly owned by Wilson Products	June	13	17
Haynes Stellite Co. — division of Union Carbide is out with a fluorine-resistant alloy	June	6	46
Haynie Products Inc. — will acquire Menhaden Fish Products	Jan.	3	14
Heat-Timer Corp. — Standard Instrument Corp., a division makes single-unit recorder and totalizer of equipment failure	Apr.	25	82
Heavy Minerals Co. — Vilro Corp. is acquiring Crane Co.'s equity interest	Feb.	28	28
Hedwin Corp. — Chemicals division — pouch unit, called the Cubitainer	Apr.	18	46
HEF, Inc. — producer of ammonium perchlorate at Columbus, Miss.	Feb.	28	14
Hellex Co. — nation's first privately owned helium plant being built near Sunray, Tex. by firm jointly owned by Air Products and Natural Gas	Apr.	25	86
Hench — industrial gas producer acquired by General Dynamics	June	27	27
henck Associates — application of isotopes in industry	June	20	98
Henkel & Cie, GmbH. — terephthalic acid directly from benzene	Feb.	27	67
Henle, S., Inc. — wax importer and exporter	Feb.	28	28

Henley & Co. — activated carbon	Jan. 17	64	Devold Oil Co. will be consolidated	Jan. 24	25	Instrument Development Laboratories, Inc.	May 16	57
Hercules Powder — AF contract for third-stage engine for Minuteman ICBM	June 13	80	Purchased synthetic camphor patents, processes, and formulas from Du Pont	Feb. 7	94	Insul-Coustic Corp. — pipe-fitting insulators	Apr. 11	109
Acquisition of Young Development, manufacturer of glass-fiber-reinforced plastics	Jan. 3	14	Humble Oil — completion of Bayton, Tex., polypropylene plant due early '60	June 13	38	Interchemical Corp. — color research center at its New York laboratory	Jan. 10	83
Agreed with Stauffer to form a new company to produce Ziegler-process aluminum alkyls	Feb. 14	23	Market analysts predict aromatic petrochemical demand	June 20	84	Color shots help researchers in dyestuff evaluation	May 9	59
Completion of nitrogen peroxide pilot plant at Hercules, Calif.	May 2	80	Received bids for construction of a \$77-million recycling plant near Kingsville, Tex.	Jan. 3	15	Sales and earnings	Jan. 24	17
Display in New York Stock Exchange's Exhibit Hall	Jan. 10	48	Humfrey Products — division of General Gas Light is out with a new line of dump valves	June 6	46	Intercontinental Shoe Corp. — injection-molded, polyvinyl chloride shoes	Apr. 11	42
Formed Texas Alkyls with Stauffer	May 2	26	Hunter-Bristol Engineering Co. — Thiokol acquired firm, is now specializing in finding new civilian uses for rockets	Jan. 24	32	Interhandel — considering several U.S. offers for GAF	Apr. 11	18
Got contract on Project Scout vehicle	May 2	30	Hunter Engineering Co. — QM sold its majority interest in Hunter	Jan. 17	25	Dynamics has been reported negotiating to buy all or part of the Swiss holding company's portfolio	June 27	28
Houston is getting serious consideration as the site for a polyolefin plastics plant	May 23	18	Huron Portland Cement — acquired by National Gypsum Co. in a stock transaction	May 30	25	New twist to GAF-Interhandel story	Apr. 4	17
Invested \$5 million in its solid-fuel facility near Bacchus, Utah	Jan. 31	22	Agreement on merger terms with National Gypsum	Jan. 24	25	Interlake Iron Corp. — industrial-waste case	June 13	46
Missile program	Jan. 24	21	National Gypsum will offer stock in exchange for Herculon	Apr. 25	29	Intermountain Chemical — will boost soda ash capacity at its Westvaco, Wyo., plant	Feb. 28	22
NLRB has issued order to stop unfair labor practices at Bessemer, Ala. plant	June 20	133	National Gypsum will offer stock in exchange for Herculon	Apr. 25	29	International Co. — will add two-story building to house papermaking machinery at its Ticonderoga, N.Y., complex	Mar. 21	25
One-year contract with UMWU	June 6	97	Hydrocarbon Research — P&R switched basic process technique for producing synthesis gas from anthracite silt	May 30	69	International Equipment Co. — expanding its plant area	Mar. 7	107
Planning polypropylene capacity expansion	May 23	24	Will engineer pilot plant for Bethlehem Pacific Coast Steel on the West Coast	Feb. 14	62	International Flavors & Fragrances Inc. — new concern formed by merger of Van Ameringen-Haebler and Polak & Schwarz will put new emphasis on synthetic flavors Jan. 10-25	Mar. 14	79
Plans to boost polypropylene capacity of its Parlin, N.J. plant	June 13	38	Hyland Laboratories — no part of ANS letter	June 6	16	International Harvester Co. — industrial-waste case	June 13	46
Plastics and Elastomers Div. formed	Mar. 28	44	Idemitsu — polypropylene plant at Tokuyama, proposed joint venture with Mitsui Chemicals	May 30	22	International Latex Corp. — lab "loom" for nonwoven fabrics	June 6	38
Research chemists present views on supervision at IRI meeting	May 23	56	Imperial Chemical Industries — Alkali and Chemicals Corp., a subsidiary, has put onstream India's first full-scale polyethylene plant	May 16	40	International Lubricant Corp. — moved into new laboratory and office facilities in New Orleans	June 13	98
Sales and earnings Feb. 7-17	Apr. 25	21	Bought a site in Northern Ireland to put up a Terylene Plant	May 16	40	International Marble Cleaning Co. — makes International Marble Polish and International Marble Stain Remover	June 6	56
Short-oil alkyl	Feb. 7	94	Britlins' first large-scale acrylonitrile plant to be built at Teeside, northern England	Mar. 14	29	International Metalloids — researching silicon process	May 9	104
Young Development Div. is out with two sensing probes	Apr. 18	81	Dracon, a flexible plastic barge, in successful sea test	June 20	37	International Minerals & Chemicals Corp. — Agricultural Chemicals Div. will be formed by merging potash and phosphate operations June 20-40	June 27	95
Hess, Goldsmith — div. of Burlington is out with glass-dyeing process, Dy-Cor	May 2	44	Explosion at new oil gasification plant at Billingham kills three men	May 2	17	Foreign technical representative Linde Moser on foreign research at AMA forum	Apr. 11	84
Hess & Clark, Inc. — Vick Chemical's subsidiary has contracted for the construction of a poultry nutrition research center in Ashland, O.	May 16	57	Iran has banned all imports of goods made by ICI	May 2	26	Forming a lawn and garden dept. to promote lawn fertilizer called Thrive	Jan. 10	18
Heurly & Compagnie — Societe Generale d'Applications Electro-Thermiques, a key company, will build and sell Stokes-designed vacuum-melting equipment	May 9	131	Kellogg obtained know-how from ICI for methanol plant	Jan. 17	23	Sales and earnings	Mar. 7	18
Hevrat Ovidim — Israeli labor-owned company will invest \$11 million in phosphorus plant in Orona	Jan. 10	25	Nonox Z, ozone protector	Apr. 18	63	Seaway is a possible boom in connection with new potash mine near Yarbo, Sask.	Apr. 11	22
Heyden Newport Chemical Corp. epoxy curer	Mar. 21	44	Plans production of polypropylene under the trademark Propathane, at Wilton	Apr. 25	29	Three-year contract with Local 35	June 6	99
High-temperature jet-engine lubricant Apr. 4-83	Apr. 11	23	Plans production of polypropylene under the trademark Propathane, at Wilton	Apr. 25	29	International Nickel Co. — corrosion site search	Apr. 18	81
Kellogg wins first round decision in law suit over Texas City methanol plant	Apr. 11	24	Plans production of polypropylene under the trademark Propathane, at Wilton	Apr. 25	29	Laque, Frank, invites discoverer of new alloy, Milton Stern, to report at corrosion meeting	Apr. 18	76
Monsanto and Heyden charge Kellogg with fraud and misrepresentation in building methanol unit in Texas City, Tex.	Jan. 17	23	Sets up \$280-million expansion program, aims to strengthen world trade Jan. 24-23	May 21	18	Plans to spend \$30 million on its Thompson, Manitoba, mine project	May 16	40
Nuodex Products Co. has new complex stabilizer	June 6	60	Spinning lubricant	Apr. 11	102	Presented a mobile automotive laboratory to the Univ. of Mich. College of Engineering	May 30	63
Sales and earnings Mar. 28-18	Apr. 25	21	Terylene license granted to Japan	Mar. 28	22	Sales and earnings	Mar. 28	18
Synthetic lubricant for use in high temperature jet engines	Mar. 28	53	Terylene polyester fiber patent granted five-year extension	Apr. 4	65	Two OSW stills showed divergent results at Harbor Island, N.C., test station	May 2	62
Upgrading basic commodities as route to profits in '59	Apr. 11	23	Imperial Color Chemical & Paper Corp. — basic patent on mercury-cadmium pigments	Mar. 7	92	International Paper — Arizona Chemical, jointly owned subsidiary of Cyanamid and International Paper, is blueprinting tall oil refinery in Springfield, La.	May 2	26
High Voltage Engineering Corp. — set up Goodrich-High Voltage Astronautics together with Goodrich	May 9	45	Imperial Smelting Corp. — thermal reduction process for nuclear grade beryllium installed in plant in Avonmouth, England	May 9	126	Bagpack division's salesmen are urging customers to standardize bag sizes	Feb. 21	131
Highpolymer and Petrochemical Engineering — Russian contract for synthetic fiber plant	May 9	45	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Expert planning of tele-communication networks cuts costs	June 13	59
Hills-McCanna Co. — metering pumps	Feb. 21	104	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Isotope gauging	June 20	98
Hoffman-La Roche, Inc. — new chemical laboratory at Nutley, N.J.	Mar. 21	94	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Pascagoula-Moss Point plant, one of the largest in Mississippi	Apr. 11	31
Sulfadiazine, Mafonin, for respiratory infections	June 6	71	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Sales outlook for 1959	Jan. 31	17
Swiss firm and Indian firm Voltas, Ltd. have opened jointly owned vitamin A plant near Bombay	Apr. 25	29	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	International Salt — will open salt mine on Whiskey Island, near Cleveland	Apr. 11	75
Hogan, William F. Associates, Inc. — consulting firm specializes in private-wire message system	June 13	59	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	International Telephone & Telegraph — silicon process	May 9	104
Holt, Douglas, Ltd. — British auto-specialties maker readies for U.S. sales drive	Jan. 3	22	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	International Tin Council — reports on Russian tin exports	Jan. 31	72
Homestake Sabin Partners — automation comes to New Mexico uranium processing	Mar. 28	57	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Intertechnique Co. — contract from Thompson-Ramo-Woodridge to manufacture digital-control computers in France	May 9	131
Hooker Chemical Corp. — automatic bleach system	June 27	92	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Ions Exchange & Chemicals Corp. — antibacterial textile finish	May 16	105
Dedicated research center at Grand Island, N.Y. Apr. 18-114, May 30-63	June 13	100	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Irving Refining Ltd. — oil refinery slated to go onstream in '60 at the head of Courtenay Bay	May 2	26
Durez Plastics Div.'s resin for cement	Jan. 31	69	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Irwin, Neisler & Co. — oral ureteral spasmolytic	Jan. 17	65
Management consultants have recommended a move to Manhattan	May 9	38	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Pain-killer and muscle relaxant unveiled at AGS meeting	Apr. 18	40
Part owner of Solar Salt	Apr. 18	81	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Isa Mines Ltd. — considering building a zinc smelter plant at Townsville, Australia	Mar. 7	17
Sales and earnings Jan. 24-17, Mar. 28-17	Apr. 18	17	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Isochem Resins Corp. — epoxy adhesive	Jan. 17	92
Two new foreign subsidiaries: Hooker Chemical International Ltd., and Hooker Mexicana	Apr. 18	41	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Israel Institute of Technology — concrete mixing	Feb. 7	58
Horn, A. C., Companies — div. of Sun Chemical is opening new offices in Scarborough, Ont.	June 6	27	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Israel Investors Corp. — American group will buy Fertilizers & Chemicals Ltd. May 30-25	June 13	27
Hostachem Corp. — new name for Progressive Color and Chemical Co., a Hoechst affiliate	May 9	45	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Ivers-Lee Co. — wet sponges in flexible film envelope, new sealing method	Mar. 21	44
Houdry Process — developed a process to make intermediates	June 13	100	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	J-G Chemists Co. — industrial adhesives plant will be opened in Murray, Ky.	Feb. 7	28
Hoyt Pharmaceutical Corp. — acne medication, Pro-Blem	Mar. 28	68	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Jarrell-Ash Co. — new spectrograph	June 13	102
Hudson Pump & Paper Corp. — tag-sealer	May 9	140	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	Jay H. Co. — importer's viewpoint of Russian potash	June 13	77
Moisture Vapor Transmission sealer	Mar. 21	60	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126	St. Louis broker offers Russian and European potash	June 6	78
Polyethylene sealer for paper multiwalls	Jan. 31	67	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126			
Study project of chemical bag sizes	Feb. 21	131	Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126			
Husking, Chas. & Co. — Glyco Chemicals, Clintbrook, Chemical and Feder			Indian Oxygen Ltd. — British Oxygen subsidiary has raised foreign exchange to build new plant	May 9	126			

Jefferson Chemical - first chlorine plant at Port Neches, Tex., started up	Mar.	7	113	AEC and Kima will be partners in setting up plant at Aswan	Feb.	7	58	center at Greenfield, Ind.	June	27	74
Jefferson Lake Petrochemicals of Canada - construction of two more Canadian sulfur plants will be pushed	June	3	105	Kimberly-Clark Corp. - agreement with UMW	June	27	55	Sales and earnings	Apr.	18	17
Jefferson Lake Sulphur - to determine asbestos deposits on American Asbestos-owned property in Calaveras, Calif.	Feb.	28	22	Disposable tent utilizes newly developed paper	Mar.	21	106	Topical anesthetic	June	6	60
Jo-Bell Products, Inc. - liquid level control	Feb.	28	66	Isotope gauging	June	20	98	Will dedicate its new Research Center for Agricultural Sciences	May	30	62
Johns-Manville - awarded a contract for a multimillion dollar vinyl and asphalt floor tile plant near Chillicothe, Ohio	June	20	40	Kaycel for disposable work clothes is fire resistant and water repellent	Mar.	28	59	Will establish a new electron microscope laboratory	Mar.	21	94
Johnson, S.C. & Son - Bravo, liquid household detergent; Blue Chip, germicidal cleaner	Jan.	17	92	Kinetic Dispersion Corp. - turbine mixers	May	16	80	Lima Electric Motor Co. - gearmotor	Jan.	25	60
\$4-million building program	Feb.	7	94	Knapack-Griesheim - Hoechst subsidiary has heavy-water plant near Frankfurt	May	9	45	Linde Co. - adapts air-separation techniques to new low-temperature recovery systems for cleanup of process gas	Jan.	10	30
Johnson Rug Cleaner	Apr.	4	57	Knox Glass - sales and earnings	Jan.	17	17	Bids on NASA liquid hydrogen contract	Mar.	28	23
Started construction of aerosols plant in Wausau, Wis.	May	23	25	Kohler Co. - nontaxable benefits	Jan.	10	50	Blueprinting oxygen plant for U.S. Steel's Gary, Ind., works	Jan.	24	25
Waxer's rebuttal	May	30	74	Koppers - Argentine investment at stake	Apr.	18	40	Completed the major construction phase of its liquid oxygen and nitrogen plant at Pittsburg, Calif.	Apr.	11	25
Johnson & Johnson - acquired McNeil Laboratories, Philadelphia ethical drugs maker	Jan.	31	25	Buffalo and Follansbee, W. Va. and Oil City, Pa., plants closed temporarily by Ohio River floods	Jan.	31	24	Detonation process for coating with ceramics	May	23	63
Argentine investments at stake	Apr.	18	40	Follansbee, W. Va., plant is almost back to normal following explosion and fire	Feb.	28	22	Huntsville, Ala., liquid oxygen and nitrogen plant scheduled for completion in 1960	Mar.	14	29
Johnson Service Co. - load-limiting relay	June	27	64	Industrias Plasticas Argentinas Koppers (IPAC) plans to build ethylene-polyethylene unit at Buenos Aires	Mar.	14	22	Liquid hydrogen pilot plant planned in Tonawanda, N.Y. Feb. 28-49	May	16	98
Jones & Laughlin Steel Corp. - Seamless, one-piece, blow-molded polyethylene liner for disposable container, the JaLiner	Apr.	18	46	Probing technical solutions to plasticizing safely problem	June	13	88	Molecular sieves can end jet flameouts resulting from ice formation in jet aircraft fuel systems	Mar.	7	92
Kaiser Aluminum - adds two more potlines to its Ravenswood, W. Va. complex	Feb.	21	32	Research center near Pittsburgh, Pa.	Jan.	17	64	Odds-on favorite to get NASA's liquid hydrogen contract	Mar.	28	54
Aluminum capacity	Mar.	14	72	Sales and earnings	Feb.	28	14	Oxygen plants	May	30	89
Closed down another potline at its Mead, Wash. reduction plant	Feb.	14	25	Sold Hasche process patents to Wulf Process Co.	Apr.	4	54	Plasma arc coating process	Apr.	18	97
Constructing magnesite plant at Midland, Mich.	May	23	25	Tar Products Div. plant at Follansbee, W. Va., damaged by fire and explosion	Feb.	7	18	Supplies oxygen for Cities Service catal-cracking system	Feb.	7	53
Gramercy, La., new alumina plant put on stream	May	30	80	Tar Products Div. is acquiring Union Carbide Plastic's Halloway Div. in a cash transaction	June	6	25	Won NASA liquid hydrogen contract and will expand its Torrance, Calif. plant to fill it	Apr.	18-41	97
Kaiser at Mead, Wash. - letter	Jan.	3	4	Krupp - Russian contract for synthetic fiber complex	May	9	45	Linde Gesellschaft - German Linde	June	13	114
Merger agreement with Mexico	Mar.	21	25	West German group to supply machinery and handle construction of the U.A.R.'s first pulp and paper mill	Jan.	31	25	Kellogg obtained know-how from Linde for methanol plant	Jan.	17	23
Refractories	Feb.	14	25	Kyowa Fermentation - Japanese industry is stepping up activities in India	June	13	42	Liquid Carbonic - merger with Liquid Carbonic gave General Dynamics a network of industrial and medical gas plants	June	27	27
Negotiating merger of refractories businesses with Mexico Refractories Co.	Feb.	14	25	Mitsui affiliate is seeking government aid on its \$20-million venture at Ube - technical aid from Montecatini	May	30	23	Lithium Corp. of America - Negotiating for acquisition of American Ice and U.S. Cold Storage	Apr.	11	17
Opening third potline at Ravenswood, W. Va.	May	2	80	Laboratory Equipment Corp. - combustion capsule	Feb.	7	75	Organolithium catalysts	Feb.	7	74
Plans for purchase of plant site on the Mississippi near Randolph County, Ill.	Jan.	10	25	Lackawanna Pumps Mfg. Co. - permanents for wool	Mar.	21	38	Sales and earnings	May	2	18
Plans to buy site near Chester, Ill. for possible plant construction	Jan.	10	25	Lakeside Laboratories - Catron, anti-hypertensive agent	Feb.	7	72	Sales and earnings may triple in the next five years, president Herbert Rogers told shareholders; will sell its interest in U.S. Cold Storage to American Ice	June	6	19
Reactivated potline at Mead, Wash. opened potlines at Ravenswood, W. Va. and started up new alumina unit at Gramercy, La.	June	13	42	Seeking acetylene payoff	Apr.	11	96	Litter, H.D., Co. - Union Carbide's new distributor	May	23	74
Reopened idle potlines	June	20	38	Unfilled prescriptions cost drugmakers millions of dollars, Lee Gibson tells industry	Apr.	4	35	Little, Arthur D. - Gavin, James, prophet of space-age profits	Jan.	24	32
Sales and earnings	Mar.	28	18	La Maur, Inc. - PVP hair spray patent battle is shaping up	Apr.	25	62	Market analyst Robert James predicts polyethylene demand	June	20	83
Three roof tests of its new basic brick will install it in 15 furnaces	June	20	105	Lamson Engineering - high-speed palletizers	Apr.	25	69	Marketing studies of Lurgi gasification process	May	30	69
Will boost production of high-purity aluminum at Mead, Wash.	May	30	25	Langner, Parry, Card and Langner - foreign patent authorities	Mar.	14	48	Messing, R., on chemical company growth	Apr.	4	17
Will build coke calcining unit near Purvis, Miss.	Feb.	28	22	Lapp Insulator Co. - automatic metering pump	Feb.	21	104	Living Products - Pure-Pool water purification powder	May	9	126
Kaiser Industries - proposed a \$350-million investment in development of chemicals, cement, bauxite, aluminum and hydroelectric power in Ghana	Apr.	18	43	Larame Chemical Corp. - makes Marblebus, a liquid marble polish	June	6	55	Loeb, Carl M. Rhoades & Co. - group purchases Texas Gas	June	13	42
Kaufeld, T.J. Associated - consultant on automation projects	Feb.	21	60	La Societe Normande de Matieres Plastiques - plans to produce polypropylene in France	Feb.	21	34	London Hosiery - using antibacterial textile finish, Eversan	May	16	105
Kellogg, M.W., Co. - computer to estimate materials of construction	May	9	119	Latex Industries, Inc. - will stop pilot-plant operations on Airlex	Jan.	3	15	Los Alamos Scientific Laboratory - nuclear reactor heat converted directly into electricity	Apr.	18	102
Gains a point in suit over Texas City methanol plant	Apr.	11	24	Lathrop Paulson Co. - automatic palletizer	Apr.	25	69	Nuclear reactor, Lapre II, has heart of gold	Apr.	11	100
Hookins process	June	13	79	Laurens Glass Works, Inc. - will build a plant in Henderson, N.C. to manufacture soft-drink bottles	Jan.	3	15	Los Angeles Soap Co. - The White King Div. introduces all-purpose industrial cleaner	Jan.	3	23
Kellogg-Montecatini urea process will be used at SunOlin's planned urea plant	Jan.	10	58	Lavino, B.J., Co. - Dow will pipe magnesium hydroxide to planned magnesite plant	May	16	37	Louisiana Gas Production Co. - Commercial Solvents purchased the assets	Feb.	14	18
Monsanto and Heyden charge Kellogg with fraud and misrepresentation in building a methanol unit in Texas City, Tex.	Jan.	17	23	Lederer, A.M. & Co. - research management problems	June	6	36	Loven Chemical - name changed to Alcyline Plastics and Chemical Corp.	Jan.	17	25
Obiad, Alex, heads new R&D team	May	2	52	Ledoga-Lepetit - Lepetit, pharmaceutical branch, dedicated plant in Mexico City May 2-76 - letter	May	23	13	Lowell Brick Co. - paper waste made into bricks	June	13	79
SunOlin and Kellogg engineers achieve near-custom design for former's urea plant	June	27	89	Leeds & Northrup - justification of control systems	Feb.	21	60	Lumms Co. - agreements with Wulf Process Co. covering worldwide engineering and construction of Wulf plants	Apr.	4	54
Kembell-Bishop - foreign sales gain for Pfizer	June	20	37	Speedomax Type H recorder-indicator	Feb.	21	67	Handled the pulp-mill processing area of Buckeye's Foley expansion	May	23	85
Kennecott Copper - rhodium process developed at Salt Lake City research center Feb. 21-68	Mar.	7	91	Lehigh Portland Cement - expansion of Alsen, N.Y., plant	May	2	18	The Luzerne Rubber Co. - Princeton addenda - letter	Mar.	21	12
Sales and earnings Mar. 28-18	May	2	18	Lehn & Fink - sales and earnings	Feb.	28	22	MB Manufacturing Co. - Textron's affiliate has formed Propulsion Test Facilities	Mar.	21	94
Utah Copper Div. will spend \$10 million to modernize the Garfield, Utah, smelter formerly owned by American Smelting	Mar.	14	29	Leon Chemical Industries, Inc. - set up by two engineers in Warren, Mich. to produce acrylic coatings	Apr.	18	41	Macco Corp. - preparing to shut down its refinery and chemicals div.	Mar.	28	53
Kentucky Color & Chemical Co. - first labor contract signed	Feb.	14	84	Lepetit - pharmaceutical branch of Ledoga-Lepetit dedicated plant in Mexico City	May	2	76	Machine and Instrument Design Corp. - airborne particle sampler	Feb.	21	84
Kentucky Store and Land Co. - purchased land near Bartow, Fla., will be leased for farming now, for phosphate mining later	June	6	27	Leunawerke "Walter Ulbricht" - East German chemical plant	Apr.	25	26	Remote pipette controller	Feb.	7	76
Kermac Nuclear Fuels Corp. - bargaining election resulted in no decision	May	9	72	Lever Bros. - charged Merle Moritz, trading as William Roberts Oil Products Co. and William Magid, agent, with "all" trademark infringements Apr. 11-36	May	9	72	Magic-Glow Chemical Corp. - Blancite, invisible marking ink	May	16	105
Biggest uranium mill goes on stream at Grants, N.M.	May	9	124	Tests-marketing polyethylene containers wins cutoff date	Apr.	18	18	Magna Products, Inc. - Crest instrument Div.'s contaminant detector	Apr.	11	91
Kerolast Manufacturing Co. - new valve for tanker and barge unloading	June	27	64	Lewal Industries, Inc. - leader in the silver dip field	Feb.	7	92	Crest Instrument Division has new corrosion meter	June	20	50
Kerr-McGee Oil Industries, Inc. - joined Pacific Uranium Mines and Anderson Development Corp. in founding the Kermac uranium venture	May	9	124	Libbey-Owens-Ford Glass Co. - air-conditioning calculator	Jan.	24	59	Thompson Ramo Wooldridge purchased a controlling interest	June	27	30
Trangle Refineries, a subsidiary, has acquired all the capital stock of Cotton Valley Solvents	June	6	27	Directors will propose stock split	Feb.	7	28	Magnaflo Co., Inc. - battery additive suit against Akron Better Business Bureau	Apr.	11	36
Kettenwerke Schlieper, GmbH - glass-fiber-reinforced polyester chain	June	27	68	Port Orange, Fla., solar test station, designed by LoI, uses glass	June	6	90	Magnet Cove Barium Corp. - drilling fluid component	May	30	74
Keyser Chemical - PVC producer in Saugua, Calif.	Jan.	10	23	Purchased tract south of Stockton, Calif.	June	27	30	Magnolia Petroleum - Mobil Oil subsidiary is setting up a petrochemicals dept.	Mar.	28	24
Kieley & Mueller - split-body valves	Feb.	14	34	Librascope Inc. - computer-logger for the distribution of natural gas	June	6	45	Will build and operate the "world's largest high-purity ethylene plant" at Beaumont, Tex. Mar. 14-25	May	16	38
Kima Chemical & Fertilizer Co. - Egyptian				Lif-O-Gen Inc. - offering a disposable emergency oxygen unit	Apr.	18	40	Mallinckrodt Chemical - almost ready for			
				Lilly, Eli - anesthetic called methohexal Apr. 11-63							
				Dedicated new agricultural research							

an acquisition	June 13 18	Received license from government to produce commercial four-in-one vaccine	Apr. 4 65	Revlon violated Sherman & Clayton Acts	Feb. 21 120
Mallinckrodt Nuclear Corp., new subsidiary for commercial development of atomic energy	Jan. 10 18	Merrell, Wm. S. Co. - new drug to control excess cholesterol	Apr. 18 98	Mohawk Chemical Co. - Atlantic Coast Industries has obtained an option to buy all of the common stock	Feb. 14 25
May be planning an acquisition - stockholders to vote on issues of new common shares	May 30 17	Merritt-Chapman & Scott - earnings	Mar. 28 18	Mojonnier Associates - aerosol filling equipment for rent	May 30 76
New sales outlet in Germany	Feb. 21 33	Messer - expansion engine approach in liquid hydrogen pilot-plant	Feb. 28 50	Molded Fiber Glass Co. - Morrison's five reinforced-plastic molding plants used 4 million lbs. of isophthalic polyester resins in manufacture of autos and boats	Apr. 18 121
Mallinckrodt Nuclear - head-start in nuclear fuel markets	Mar. 28 30	Metal Hydrides - heavily defense-oriented in boron chemicals, driving for more civilian products	Jan. 24 32	Molded Fiber Glass Body Co. - resin-producing plant started by Robert Morrison at Ashtabula, O.	May 9 113
Mallinckrodt forms subsidiary for commercial development of atomic energy	Jan. 10 18	Mixed hydrides	Feb. 7 58	Mon Industries - sequestering agent	June 6 60
Mallory, P.R. & Co. - formed new subsidiary to push foreign sales	Feb. 21 33	Sales and earnings	Mar. 28 18	Monroe Chemical Co. - Putnam, household dyes	May 9 52
Mallory-Sharon Metals Corp. - formed a sponsored group to handle R&D projects on special metals for the government	Feb. 21 33	Metal & Thermit Corp. - Duplex Chromium, new plating process	June 6 71	Monsanto Chemical - acrylonitrile expansion	June 27 25
Loss of \$2.5 million	May 16 54	Fungi fighters for Permchem	Jan. 31 69	All-synthetic hydraulic fluid	Apr. 11 48
May soon acquire a fourth parent, Bridgeport Brass, and get metallurgical know-how in exchange	Jan. 3 9	Purchased laboratory in Detroit	Mar. 28 44	Anticipates a slow but steady growth for phthalic anhydride	June 20 35
Reorganized its R&D Dept., is stepping up studies of zirconium, titanium	May 16 39	Putting fresh emphasis on chemicals; new development contracts with B.F. Goodrich, Mobay, Dow and Permchem for use of its organics; sales and earnings	Apr. 18 18	Australian petrochemical ventures	Feb. 14 24
Titanium sales boost	Mar. 21 94	Sales and earnings	Feb. 28 14	Back to school program	May 2 82
Manatrol Corp. - coded control valves	Jan. 31 17	Metals and Residues, Inc. - Molybdenum metal powder process invented by Lester Suprio	Feb. 21 108	Battle on caffeine imports	Jan. 3 15
Manhattan Soap Co. - acquisition puts Purex in national picture	May 30 54	Metalsalts Corp. - Slinicide	Apr. 18 64	Cashing in with car tire venture processes	Jan. 10 64
Mann Research Laboratories - boronic acids for use in cancer research	Apr. 11 41	Netro-Atlantic - Alcodri Z, water-repellent for disposable tent	Mar. 21 108	Chemstrand, a joint venture with American Viscose, plans to go slow on expansion of Irish plant	June 6 92
Polyamino acids	Apr. 18 114	Cationic softeners	June 20 76	Chlorosulfonic acid capacity boosted	Jan. 2 18
Price cuts	Mar. 21 98	Mexico Refractories - merger agreement with Kaiser Aluminum	Mar. 21 25	Court battle with Central Farmers ended Dismissal of CFF's counterclaim	May 3 42
Spray reagents	Mar. 7 106	Negotiating merger of refractories businesses with Kaiser Aluminum	Feb. 14 25	Emergy-Monsanto joint venture processes crude tall oil at Nitro, W. Va.	Feb. 21 44
Mansfield Tire & Rubber - Pennsylvania Tire, a subsidiary, will put up tire plant at Tupelo, Miss.	June 6 38	Michigan Chemical Corp. - case study of nuclear process heat	Mar. 14 56	Engineering specialist, Carl Martinson tours the plant in search of problems	June 13 49
Manufacturers Chemical Co. - latex for textiles	Apr. 11 25	Minerals Exploration unit at Golden, Colo., a part of the company's Rare Earth and Thorium Div., is being moved to the parent firm's St. Louis, Mich., headquarters	June 6 27	Established research lab in Zurich	Mar. 28 42
Marathon Southern - isotope gauging	Jan. 17 95	Plug for process heat reactors	Feb. 28 50	Forming new company with St. Regis to make and market Fome-Cor	Feb. 14 18
Unit of American Can plans expansion for its Nacheola, Ala., pulp and paper plant	June 20 98	Microfusion - Heurty to build Skokes-designed vacuum-melting furnace	May 9 131	Heyden and Monsanto charge Kellogg with fraud and misrepresentation in building methanol unit in Texas	Jan. 17 23
Marietta Concrete Corp. - acquired by American-Marietta	May 16 40	Midwest Research Institute - grant from NSF to extend research on computers	Feb. 7 74	Hydrogen cyanide - letter	Jan. 10 84
Marineford of the Pacific - Tris buffer, new chemical, helps keep fish alive in transport	June 20 40	Midwest Solvents Co. - vital gluten	Jan. 10 34	IBM recording of stock inventory	Feb. 21 98
Marquardt Corp. - called off plans to merge with Thiokol Chemical	Jan. 3 28	Miles Laboratories - Miles Chemical, new subsidiary to improve sales of nondrug items	June 6 26	Inorganic Chemical Div. will operate new sodium polyphosphate plant at Long Beach, Calif.	Feb. 7 28
Merger negotiation with Thiokol	Apr. 25 21	Sales and earnings	May 9 37	Installing its RW 300 equipment into existing facilities	Jan. 24 74
Martin Co. - Snap III atomic power pack	Mar. 21 92	Summer Chemical Co. cuts PAS prices	Feb. 7 43	Italy's young chemical plant, Societa Edison, spreads out with U.S. help	Mar. 14 28
Strontium-90-powered thermoelectric unit	Feb. 7 68	Will be boosting chemical output	Mar. 28 17	Kellogg wins first-round decision in law suit over Texas City methanol plant	Apr. 11 24
Martin Engineering Co. - vibrating feeder Maschinenfabrik-Augsburg-Nurnberg AG - nuclear power licensing and information agreement with GE of England	Mar. 28 60	Miller Chemical & Fertilizer Corp. - Potato and tomato fungicide	Jan. 17 95	Largest maleic anhydride producer	Jan. 17 82
Maulmeille Ordnance Works - Ark-La plans to bid	June 6 27	Miller Engineering - palletizer designed for multiwalls	Apr. 25 69	Licensed ultrapur-silicon process from Westinghouse	May 9 104
Maywood Chemical Works - being acquired by Stepan Chemical Co.	Feb. 7 28	Millipore Filter Corp. - microfilter	Apr. 18 116	Lion Oil Div. awarded Badger Mfg. a contract for construction of a solvent desalting plant at El Dorado, Ark.	Jan. 10 25
Stephan Chemical cleared up details of a deal to buy Maywood's voting stock	May 16 17	Milton Roy Co. - metering pump	Jan. 24 18	Long Beach, Calif., sodium tripolyphosphate plant is now on stream	May 9 114
McGraw, F.H., Construction Co. - OM is negotiating for disposal of its 43% interest	May 23 23	Minerals & Chemicals - sales and earnings	May 23 35	Phthalate ester capacity	Jan. 10 67
McGraw-Edison Co. - The Medical Div. manufactures and sells an odorless deodorant	Jan. 17 25	Minneapolis-Honeywell Regulator - Micro Switch Div. has a new switch for outdoor installations	Apr. 4 17	Polyethylene bag with built-in self-closing valve	Jan. 31 67
McKee, Arthur G. - Pemex president will talk about engineering help for ammonia plants	May 16 104	Spray-dried ceramics	May 9 109	Postmeeting report for shareholders	May 16 127
McKesson & Robbins - Chemical Dept. expansion furthered by purchase of Barada & Page, big Southwest distributor Apr. 4-17	Mar. 7 17	Valve Div. offers angle control valve	Feb. 7 56	Queen in annual report: productivity boost hasn't brought added profit	Feb. 28 18
Sales and earnings	Apr. 11 65	Minnesota Mining & Mfg. - asks ADM for plan to speed product launching	Apr. 11 109	Readying new computer-control	Jan. 10 58
McKinsey & Co. - purchasing specialist, Richard Farnsworth, says management lacks control of the purchasing function	Jan. 31 18	Bought Kellogg's Kel-F business	May 2 52	Research in ultraviolet absorbers	Apr. 11 87
McNeil Laboratories, Inc. - acquired by Johnson & Johnson	Apr. 11 65	Chemicals spark sales upturn; \$5-million fluorochemicals plant slated	June 20 37	Research lab in Zurich, Switzerland	Mar. 7 91
Mead Corp. - formed a new jointly owned subsidiary Forest Kraft, to finance expansion of a mill operated by Rome Kraft Co. also jointly owned by Inland and Mead	Jan. 31 18	Highway billboard campaign	Jan. 24 41	Sales and earnings Feb. 7-17	Apr. 25 21
Mead-Johnson - odorless vitamin B	Feb. 21 136	Microfilm reader-printer	Mar. 28 83	Selling Lion Oil Building to raise money for further expansion at El Dorado	Mar. 7 31
Meer Corp. - started construction of new facilities in North Bergen, N.J.	Jan. 31 25	Solid fuel research contract	May 2 62	Springfield, Mass. plant uses photos in fixing maintenance problems	Feb. 21 104
Meiji Confectionery - Japanese industry is stepping up activities in India	Jan. 31 25	Synthetic elastomers	Mar. 28 70	Statistical quality control chart part of operating routine at Krummrich plant	Jan. 3 30
Menhaden Fish Products, Inc. - Haynie Products will acquire firm	Jan. 31 25	Mississippi Chemical Corp. - proceeds from stock sale will go toward new urea plant, additional anhydrous ammonia facilities for Coastal Chemical	Jan. 17 25	Supersonic jet lubricant	Apr. 4 66
Merck - Argentine investments at stake	May 30 25	Mississippi River Fuel Corp. - ammonia plant near Festus, Mo., purchased by Armour & Co.	June 27 30	Systems-engineering training programs	Mar. 21 73
Connor, John, talks before security analysts group	Apr. 18 60	Mississippi Valley Chemical Co. - liquid fertilizer plant on the Mississippi near Palmyra, Mo.	May 2 80	Texas City plant upped low-density polyethylene capacity	Feb. 14 25
Connor, John, to serve as MCA chairman	Jan. 31 25	Mitsubishi Chemical - phosphoric acid process slated for pilot tests at Akita, Japan	June 2 80	Trade-secret suit ends	May 16 132
Go easy in exchanging medical information with Russia, warns John T. Connor	Jan. 31 25	Mitsubishi Petrochemical - phosphoric acid process slated for pilot tests at Akita, Japan	June 20 92	Vertical integration	Apr. 18 93
Opened branch in Portland, Ore., to distribute pharmaceuticals and chemicals	Jan. 31 25	Mitsui Bussan - former "Zaibatsu" trading company merged with Dai-ichi Bussan	June 20 92	Will modernize and expand its phosphorus plant at Columbia, Tenn.	May 23 25
Plans to invest up to \$7 million in Argentina	Apr. 11 25	Mitsui & Co. Ltd. - Japanese wax maker finds sales sparkle in supplying U.S. market	June 13 42	Will move its Nicolas Rd. St. Louis research facilities to the firm's St. Louis headquarters	June 20 110
Russian-language courses	Apr. 4 18	Mitsui Petrochemical Industries - Amoco-process plant yields terephthalic acid for Japan	Feb. 28 56	Will produce Mersize at new rosin plant in Nitro, W. Va.	Jan. 3 9
Sharp & Dohme Div. has settled with OCAW	Mar. 21 126	Mobay Chemical Co. - continuous urethane-casting machine unveiled at New Martinsville, W. Va.	Apr. 11 102	Monsanto Chemicals Ltd. - Maleic anhydride plant at Newport, England, slated for completion in 1960	Feb. 28 22
Stopped styrene production	May 16 132	Production figures show gain	Apr. 4 65	Mounting export problems have bitten into sales of Monsanto's British subsidiary	Apr. 4 28
"Synthetic" penicillin research	Jan. 3 38	Second polycarbonate plant in the negotiation stage	Mar. 7 27	Montecatini - Brindisi petrochemicals plant due on stream in March	Mar. 7 31
Will be boosting chemical output	Apr. 18 110	Toluene diisocyanate capacity will be boosted at Martinsville, W. Va. plant	June 20 18	Cornerstone laid for Brindisi petrochemical plant	Mar. 21 18
Merck Sharp & Dohme - Hydrodiuril, hypertension drug	Mar. 28 17	Mobil Oil - Magnolia Petroleum, a subsidiary, is setting up a petrochemicals dept.	Feb. 14 17	Designed and built Peru's first synthetic ammonia plant	Apr. 4 80
Infrared drug	Feb. 7 71	Socony Mobil Oil's operating div. will move into high-purity ethylene production	Mar. 28 24	Ethylene-propylene copolymer, C23, at Milan fair - more data	May 16 50
International Div. will set up manufacturing operations in Johannesburg, S.A.	Jan. 17 42	Modell, Henry, & Co. - charges that	Mar. 14 25	May build fertilizer plant near Bombay for the Indian government	Feb. 7 28
Live oral vaccine for Russian trials produced under Albert Sabin's direction	Mar. 7 31			Milan fair building	May 2 24
Operation in Bermuda	Mar. 21 103			Neal, W. Va., likely to be location of polypropylene plant	June 13 38
	Apr. 25 62			"Pep" tire debut	Jan. 31 22
				Pilot-planting a new isotactic polymer, polybutene	June 13 80
				Stereospecific polymer research	Feb. 14 65

Will float bond issue in the U.S. to help finance aluminum expansion and construction of Brindisi petrochemical complex	May	23	25	National Lead - accents quality control in two day conference for chemists	June	20	47	designed sodium-deuterium reactor for Chugach Electric Power Assn. at Anchorage, Alaska	Jan.	31	30
Will furnish the process for nitrogen fertilizer plant in Iran	Jan.	3	16	Antitrust charges against barite producer R-N process starts with lower-grade iron ores	May	30	28	Nuclear Materials & Equipment - head-start in nuclear fuel markets	Mar.	28	30
Yugoslav nitrogen fertilizer plant will use Fausser Mofcalcinal processes	Mar.	21	25	Reveals product-group sales patterns - Symposium on analytical and physical testing methods at Niagara Falls	June	27	67	Pennsylvania Industrial Development Authority has tentatively approved a new loan for construction of an atomic research laboratory in North Vandergrift, Pa.	June	27	72
Montrose Chemical Corp. - DDT contract from UNICEF	Apr.	18	123	National Patent Development Corp. - new firm equipped to aid corporate in the selling or licensing of patents and processes	May	2	23	Nuclear Measurements Corp. - air monitor Nuodex Products Co. - div. of Heyden has new complex stabilizer	Mar.	21	54
Montrose International - Mexican business ventures fare best under Mexican management, President Pincus Rothberg speaks from eight years of experience	Feb.	14	87	National Petro-Chemicals Corp. - bought 216 acres on the Houston Ship Channel from Phillips	June	27	74	Stabilizer	June	6	60
Montrose Mexicana S.A. - startup of DDT plant near Salamanca	Feb.	14	87	National Petroleum Chemicals Corp. - La Porte, Tex., property annexation	May	30	25	OPW Jordan - aluminum line strainers	June	20	78
Moringstar-Paisley - PVAc production will start at Clifton, N.J.	Jan.	24	73	National Plastics Products - acquired Saran Yarns Co., former subsidiary of Dow	Jan.	17	36	Pilot-operated back-pressure regulating valve	Feb.	21	102
Unified operations of two groups into one department, Gum and Technical Products Dept.	Apr.	18	60	National Research Corp. - vacuum-deposited cadmium protects high-tensile steel from corrosion	Mar.	21	25	Oak Ridge National Laboratory - tritium gas available	Feb.	14	34
Momingstar Research Center - new consultant organization in the textile sizing and related chemical fields	May	16	57	National Spectrographic Laboratories, Inc. - will build laboratory and sales office in Hialeah, Fla.	Jan.	31	61	Vitro Engineering to design and engineer pilot plant for nuclear fuels	May	16	52
Morton Chemical Co. - ammonium thio-glycolate for wool permanent process	Mar.	21	40	National Starch and Chemicals Corp. - aerosol hair spray resin	Apr.	18	114	Oakite Products, Inc. - Oakite Composition No. 12	May	16	40
Morton Salt - Fairport mine, deepest salt mine in the U.S.	Apr.	4	80	Installed full-scale paper finishing equipment in its Plainfield, N.J. laboratories	June	27	42	Recta S-A stripper offered to drillers	June	6	56
Opened the first new U.S. salt mine in 25 years	Apr.	11	75	Purchased Polimeros S.A. in Mexico City	May	30	62	O'Brien Paint Corp. - orange peel products	May	30	74
Moss, William - designed disposable paper tent under government contract	Mar.	21	108	National Starch Products - plans to change name to National Starch and Chemical Corp.	June	20	40	Oesterreiche Stickstoffwerke AG - nitric acid	Feb.	7	97
Motomco, Inc. - distributor of Dens-Flo Swallow Pump	Mar.	7	100	Readying second addition to its vinyl acetate plant in Meredosia, Ill.	Apr.	11	25	Oil and Chemicals Terminals Inc. - Century plans to acquire all outstanding stock affected by FPC policies	June	27	21
Multi-Clean Products - sealer, Hi-Polar Floor Seal	Apr.	11	48	National Supply Co. - Spang-Chalfant Div. conducted survey of credit training of salesmen in the chemical industry	Jan.	24	25	Olin Mathieson Chemical Corp. - annual meeting held in East Alton, Ill.	Apr.	25	27
NRC Equipment Corp. - developed new rumpung system	June	13	56	National Tire Dealers and Retreaders Assn. - planning research center for Louisville, Ky., or Cincinnati, O.	Mar.	14	91	Antitrust interlude	May	16	127
High-vacuum valve	Jan.	10	64	Nationwide Leasing Co. - survey on equipment leasing	May	30	62	Coal chemicals attempt	Apr.	4	26
Offering a standard-model electron-beam furnace and a welding-brazing unit	Mar.	7	39	Nelson, George & Co. - designs for new Abbott trademark	Jan.	10	58	Educational program to save MH-30's market	May	23	21
Vacuum resistance furnace	Apr.	11	106	New Bedford Fish Products Co. - subsidiary of VioBin Corp. converts fish into high-protein products	Feb.	21	116	Energy Div. awarded Army Ordnance contract to explore uses of an advanced solid propellant for Nike Zeus missile	June	6	72
Nagase & Co. Ltd. - enzyme useful for treatment of cataract and sinusitis	Jan.	31	76	New York Air Brake Co. - Kinney Mfg. Div. is offering high-vacuum system.	May	16	88	Expanding chlorine-caustic production at Niagara Falls, N.Y.	May	23	25
Nalco Chemical - low-cost process for upgrading light petroleum distillates, called Nalfining	June	8	88	Newark Finish Co. - acrylic coating for leather	June	13	56	Finances glow with health according to Wall Street - sold F.H. McGraw stock	Jan.	24	18
National Aluminate will change its name if stockholders approve	Apr.	11	25	Niagara Mohawk Power Corp. - Niagara Falls chemical plants will receive one-third more 60-cycle power than in 1956	Apr.	18	56	Leased Tennessee Products and Chemical Corp.'s idle Somerville Iron Works in Chattanooga, Tenn.	Mar.	21	25
Nangal Fertilisers & Chemicals Ltd. - plant under construction at Nangal, India	Feb.	7	58	Nichols Engineering & Research Corp. - Nerco-Niro Spray Dryer Div. developed costs for clay drying that show a definite edge for spray drying	June	6	72	Model City, N.Y. high-energy-fuels plants - labor violence	May	16	132
Nankervis, George L., Co. - Cox Instruments Div. offers new flowmeter	Mar.	21	54	Nippon Oil - refinery near Yokohama, Japan, source of U.S.-bound paraffin wax	June	6	43	Plans metals research plant on L.I. Sound at New Haven, Conn.	May	2	78
Nanubhai Industries Private Ltd. - Von Kohom and its British and Indian affiliates will engineer, build and start nylon-6 plant near Bombay	June	13	17	Nissan Chemical - polypropylene plant at Tokuyama, proposed joint venture with Idemitsu	Feb.	28	56	Shutting down company-owned high-energy fuels plant at Niagara Falls, N.Y. - getting ready to open plant it has been building for the AF	May	23	25
Narda Ultrasonic Corp. - dishwasher	Apr.	11	42	Nitrogenio S.A. Industria Brasileira de Produtos Quimicos e Fertilizantes - Sao Paulo company is planning to build nitrogenous fertilizer plant	May	30	22	Sodium borohydride and aluminum trichloride, new reducing agent basis for boron fuels plant	Jan.	10	57
National Air Vibrator Co. - air vibrators	May	16	80	Nopco Chemical Co. - Plastics Div. will increase polystyrene foam capacity at North Arlington, N.J. plant, Feb. 28-22	Jan.	10	25	Sold its majority interest in Hunter Engineering, negotiating for disposal of its interest in F.H. McGraw Construction	Jan.	17	25
National Aluminate Corp. - will change its name to Nalco Chemical Co. if stockholders approve	Apr.	11	25	Will buy out Jacques Wolf & Co.	Mar.	7	27	Squibb - antibiotics pricing on trial	Jan.	17	21
National Chemical Credit Assn. - cash flow planning discussed at Philadelphia meeting	Mar.	7	49	Noranda Mines, Ltd. - Canadian sulfur plant at Port Robinson, Ont. closed down	Jan.	31	18	Squibb's Argentine investment at stake	Apr.	18	40
National Chlorophyll and Chemical Co. - acquired by Great American Industries	June	27	30	Nordson Pharmaceutical Laboratories - ergoline tartrate, trademarked Ergo-mar, for use in relieving chronic migraine headaches	Apr.	25	65	Squibb E.R. - drive to organize employees	June	27	55
National Cleaning Contractors - contract cleaner	Mar.	21	33	Norris-Thermador Corp. - exhaust purifier North American Aviation - Astrodyne, joint subsidiary of North American Aviation and Phillips Petroleum, signed AF contract	Jan.	31	75	E.R. Squibb & Sons has collected "fair" trade" fine from Berners Pharmac	Apr.	18	136
National Cylinder Gas - div. of Chemetron puts up new air separation plant in L.A.	Apr.	25	75	Will acquire Foster Wheeler	June	6	72	E.R. Squibb Div. has recognized activities at the Squibb Institute for Medical Research	Apr.	4	86
National Distillers - Bierwirth, John C., goes before security analysts group Chairman John Bierwirth sees a resurg-ing demand for titanium	Mar.	28	76	Will not acquire Foster Wheeler	Apr.	18	41	Squibb introduces Vigran Chewables, tablet vitamins	Feb.	21	52
Intermountain Chemical, an affiliate will boost soda ash capacity	Jan.	31	17	North American Rayon - research promises rayon resurgence	Apr.	25	65	Squibb's Kenacort may be the answer to extreme sunburn	June	13	79
Kordite Div. is starting program to stamp out plastic-bag deaths	Feb.	28	22	North Carolina Pulp Co. - purchased timberland mill from Bate Lumber Co.	Jan.	17	25	Squibb & Sons' latest entry is Dumogran, tissue-building hormone	Jan.	31	76
Kordite Division's new polyethylene film plant at Woodland, Calif. is slated for completion in August	June	6	20	North Star Chemicals, Inc. - getting up sulfuric acid plant at Pine Bend, Mo.	Jan.	17	25	Squibb Div. plans in New Brunswick, N.J. and Brooklyn sign two-year contract with OCAW	June	20	18
Sales and earnings	Mar.	7-18		Northwest Magnesite Co. - General Refractories and H-W jointly own producer of dead-burned magnesite	May	9	45	Squibb set sales mark in centennial year	Jan.	3	40
Sales and earnings predictions	Jan.	3	9	Northwest Manufacturing Co. - epoxy boats made competitive with conventional plastic boats	June	20	106	Squibb E.R. Div. will put up packaging, formulating and warehousing facility at its New Brunswick, N.J. site	May	2	18
Two major plastics ventures revealed by President John Bierwirth	Jan.	17	17	Northwest Petrochemical Corp. - will build a phenol-cresol recovery plant and refinery at Anacortes, Wash., adjacent to Texaco and Shell refineries	Feb.	14	76	E.R. Squibb working on "synthetic" penicillin	Apr.	18	110
USI Chemicals' research program for new butene substitute	Jan.	3	38	Norton Co. - plans expansion project at its Chippawa, Ont., research dept.	May	2	50	Stockholders' criticism has been mild and scarce	May	9	37
USI's experience with chromatographic stream analysis	Feb.	21	60	Nova Beaucage Mines, Ltd. - columbium from pyrochlore	Jan.	31	18	Strike ended at high-energy fuel division plant at Model City, N.Y.	June	6	97
USI's Houston, Tex., PE plant onstream - will double capacity by late '60	June	6	81	Nuclear-Chicago Corp. - nuclear equipment producer is building a new home office in Des Plaines, Ill.	Mar.	21	87	SunOil team reviews urea plant design	June	27	89
USI's instrument maintenance	May	30	53	Nuclear Consultants Corp. - established West Coast Div. in Glendale, Calif.	Jan.	17	64	Teaming up with Tectron to form new company, Almetco, Inc.	Jan.	10	24
USI's blueprinting polyethylene unit at Houston, Tex.	May	9	40	Nuclear Development Corp. of America - designed sodium-deuterium reactor for Chugach Electric Power Assn. at Anchorage, Alaska	Jan.	17	64	Use of cost data in antibiotics case	Jan.	31	18
USI's multistep dibasic acid plant at Tuscola, Ill.	Jan.	24	76	Nuclear Measurements Corp. - air monitor Nuodex Products Co. - div. of Heyden has new complex stabilizer	Apr.	18	106	Olympic Containers Inc. - will be acquired by Cutter Labs	Mar.	28-17,24	
USI, only maker of synthetic sebacic, is closing its Tuscola, Ill., plant	May	23	40	Nuclear Petro-Chemicals Corp. - bought 216 acres on the Houston Ship Channel from Phillips	Mar.	7	31	Olympic Plastics Co. - will be acquired by Cutter Labs	Mar.	28-17,24	
USI will soon boost polyethylene output at Houston, Tex.	Mar.	28	64	National Plastics Products - acquired Saran Yarns Co., former subsidiary of Dow	Apr.	18	106	Onan, D.W. & Sons - emergency electric generating plants	Apr.	18	83
Portland Cement in a stock transaction Agreement on merger terms with Huron Portland Cement	May	30	25	National Research Corp. - vacuum-deposited cadmium protects high-tensile steel from corrosion	May	30	25	Oney Oil & Chemical - new quaternary Orem Development Co. - agreements with Sohio on tar sand production	Jan.	31	62
Expanding its Savannah plant	Mar.	28	24	National Spectrographic Laboratories, Inc. - will build laboratory and sales office in Hialeah, Fla.	Jan.	31	61	Ormet - aluminum capacity	May	23	74
Filed registration statement with SEC, will offer stock in exchange for Huron shares	Apr.	25	29	National Starch and Chemicals Corp. - aerosol hair spray resin	Apr.	18	114	Orest Chemical - isophthalic price cut	Mar.	14	72
Will boost the capacity of its Savannah, Ga., plant	Mar.	21	25	Installed full-scale paper finishing equipment in its Plainfield, N.J. laboratories	June	27	42	Otis Clapp and Son - Obtundia First Aid Aerosol Spray	Apr.	18	125
National Instrument Co. - infrared incinerator	Feb.	21	84	Purchased Polimeros S.A. in Mexico City	May	30	62	Ottawa Chemical Co. - industrial fungicide for plastics	Jan.	10	71

plans to build ammonium sulfate plant in Australia	Mar. 7 17	started production of resins at its new plant near Lisbon, Portugal	Jan. 24 25	Robins, A. H. Co. - bought 12½ acres near its Richmond, Va., plant for expansion	Jan. 24 25
Powers Regulator Co. - air-flow switch	June 20 52	Sales target: \$100 million/year	Feb. 7 25	Has purchased 278 acres of industrial land it had optioned on the outskirts of Richmond, Va.	Apr. 25 29
Pratt, Henry, Co. - butterfly valve	June 27 64	Smallest maleic anhydride producer	Jan. 17 82	Option to buy tract near Richmond, Va. for possible expansion	Jan. 31 25
Precision Chemical Pump Corp. - metering pump	Feb. 21 104	Starts construction of a water-soluble-resins plant at Tacoma, Wash.	Feb. 14 25	Rockbestos Products Corp. - Cerro gets controlling interest	Apr. 11 25
Pressure Products Industries, Inc. - bench-scale autoclave	June 20 112	Two acquisitions in a month: Alkydol Labs and Specialty Chemicals	Apr. 18 41	Rocket Power Inc. - Gabriel Co.'s new subsidiary will make propellants in Arizona	May 2 24
Presto Plastic Products Co. - Pfandlender-Permutit settlement	Feb. 28 30	Vertical integration	Apr. 18 95	Rohm & Haas - cash flow planning pays off	Mar. 7 49
Probst & Cia. - subsidiary of W.R. Grace will make synthetic resin by processes developed by RCI	June 6 90	Waterside projects at Houston, Tex., Elizabeth, N.J., and Tacoma, Wash.	May 2 78	Chemical methods of upping the yield of cotton plants are covered in two patents	June 27 68
Procon, Inc. - pickup in sales activity reported at NCA meeting	Jan. 24 68	Reichhold Chemicals (Canada) Ltd. - new stock offering	Feb. 14 18	Epoxy oil	Feb. 14 62
Procter & Gamble - handling of outside suggestions	Jan. 31 24	Subsidiary of Reichhold Chemicals Inc. is offering 35,000 common shares of stock to the Canadian public	May 2 26	Metal cleaner	Apr. 4 62
Miami Valley Lab. not affected by Ohio River floods	June 13 96	Reichhold Chemie A.C. - subsidiary chemicals Inc. will build coal derivatives plant in the Ruhr area	May 2 26	New experimental monomer	Jan. 31 76
Movies show best way to use anti-pollution equipment	May 2 84	Remington Rand - do-it-yourself office layouts	Mar. 21 126	Transferring butyl acrylate production from Bristol, Pa., plant to larger unit in Deer Park, near Houston	letter June 6-16
Teamwork cuts construction costs of Buckeye Cellulose expansion	May 23 85	Electric typewriter equipped with interchangeable type faces speeds manuscript writing	Apr. 11 90	Vulcan will use acrylic resin from R&H for its plastic heel venture	May 23 18
Test-marketing polyethylene containers Wins cutoff date	Apr. 18 18	Univac Solid-State Computer will be installed in Economics Laboratory	May 30 76	Rohm & Haas Co. of Canada - completed engineering an acrylic emulsion plant at West Hill, Ont.	May 16 37
Productos de Kenaf S.A. - loan to help finance a kenaf bag-making plant near Guatemala City	Jan. 31 80	Republic Steel - industrial-waste case	June 13 46	Rolls-Royce - 3 British companies formed	May 9 45
Professional Tape Co. - sterilizing indicator	Mar. 14 32	Steelmaking process bypasses the blast furnace	June 27 67	Rolls-Royce and Associates - new firm to design and build nuclear power equipment formed by 3 British companies	Feb. 28 22
Progressive Color and Chemical Co. - Hoechst distributor in the U.S. will be Hoechst	Feb. 7 76	Research-Cottrell - dust control	May 2 84	Rome Cable Corp. - Alcoa reveals plan to acquire Rome Cable subsidiary	Feb. 28 22
Propulsion Test Facilities, Inc. - formed by MB Manufacturing Co.	May 9 45	Research Specialties Co. - glutamic acid	June 6 40	Rome Kraft Co. - awarded Rust Engineering contract to expand operations at Rome, Ga.	Jan. 31 24
The Protoseal Co. - bottle holder	Apr. 18 82	Labeled pentanes	June 6 38	Jointly owned by Inland Container and Mead Corp.	June 13 42
Provincial Paper Ltd. - will start general expansion	Jan. 17 18	New laboratory aids	May 2 50	Ross, Charles, & Son - dissolver-disperser for loam	May 30 25
Psychological Corp. - management consultant firm conducts seminar devoted to annual reports	June 6 96	Resin Formulators - new solvent will remove epoxy and polyester resins	Mar. 21 40	Ross Laboratories - Resident, new anti-ivy product	June 20 54
Public Service Co. of Colorado - computer-logger for the distribution of natural gas	June 6 45	Resinas Sinteticas - Reichhold affiliate has started production of resins at its new plant near Lisbon, Portugal	Jan. 24 25	Royal Dutch-Shell - planning to increase glycerine capacity at its Pernis works, near Rotterdam	June 27 39
Puget Sound Pulp & Timber Co. - Bellingham, Wash., mill's new dryer will be used in production of waste sulfite liquor by-products	Jan. 31 25	Resistoflex Corp. - nozzle liners	June 27 64	Revolving its top-level chemical and petroleum organizations	Apr. 11 18
Puhl, John, Products - acquisition puts Purex in national picture	Apr. 11 41	Revlon cosmetics, charging that firm has set up a plant in Israel	May 16 81	Royal McBee Corp. - Instrument Development Laboratories, a subsidiary, is offering a color matcher	May 16 57
Puratize Inc. - bacteriostatic rinse	Feb. 21 54	Fair trade suit	June 27 30	Rubber and Asbestos Corp. - adhesive for loam	May 9 38
Purdue Frederick Co. - Phenyl-Pas-Tebamin, TB drug	May 16 52	Pushing Living Corp., a hair spray based on an acrylic copolymer	Feb. 21 120	Rubenstein, Helena - Bikini French Formula Suntan Cream	Mar. 14 82
Pure Oil - owns about 78% of Amoco stock	Feb. 14 40	Reynolds Metals - aluminum capacity	Apr. 25 63	Color Lift, hair colorant	May 9 57
Purex Corp. - acquiring Franklin Research Co.	May 23 23	Reynolds International has been set up as a separate unit to manage sales and production overseas and in Canada	Mar. 28 17	Rudnap - nitrogen fertilizer plant to be built in Yugoslavia by Italian firms	Jan. 31 69
Sales curve marked by acquisitions	Apr. 11 41	Reynolds International will build aluminum extrusion plant in Venezuela	May 2 88	Rumania Chemical Corp. - Rumania S.p.A. is establishing new company in U.S.	Mar. 21 25
Pye, W.G. & Co. - gas-liquid chromatograph	Feb. 28 66	Reynolds and Tube Investments won the battle for joint control of British Aluminum	Jan. 31 24	Rumania S.p.A. - Italian chemical concern is establishing new company in New York	June 13 66
Q.V.F. Limited - coil-type heat exchangers	May 2 89	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 10 17	Rust Engineering - awarded contract from Oxford Paper for a major portion of Kraft pulp mill	June 13 66
Quaker State Oil Refining Co. - will expand its refinery at Farmers Valley, near Brinford, Pa.	June 6 27	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 3 21	Rome Kraft has awarded Rust Engineering contract to expand operations at Rome, Ga.	Jan. 17 18
Radiation Applications, Inc. - modified fluorocarbons	Feb. 7 58	Reynolds International will build aluminum extrusion plant in Venezuela	Mar. 28 24	Rust-Oleum Corp. - aerosol rust-preventive coating	June 13 42
Raising plastics' temperature resistance	Feb. 7 68	Reynolds International will build aluminum extrusion plant in Venezuela	Feb. 21 32	Sackett, A.J., and Sons Co. - Super-Fluor installation, continuous superphosphate route	Mar. 21 40
Radiation Counter Laboratories, Inc. - thickness gauge	May 30 54	Reynolds International will build aluminum extrusion plant in Venezuela	May 16 17	Safety Industries, Inc. - Entoleter Div. has designed a new model of its impact mill	June 6 90
Radiation Dynamics, Inc. - Dynamitron, high-energy accelerator	June 13 80	Reynolds International will build aluminum extrusion plant in Venezuela	June 6 66	St. Croix Corp. - new line of epoxy boats	May 9 109
Particle accelerator	Apr. 11 106	Reynolds International will build aluminum extrusion plant in Venezuela	June 20 38	St. Gobain Industrial Corp. of France - negotiating with U.S. company to build plate glass plant	Feb. 14 76
Ramo Wooldridge - div. of Thompson Ramo Wooldridge developed afterburner	Jan. 31 75	Reynolds International will build aluminum extrusion plant in Venezuela	Apr. 4 28	St. Joseph Lead - termination of smelting contract between Asarco and St. Joseph	Feb. 21 34
Rand Development Corp. - Moscow office interested in Russian technological progress	Apr. 4-66	Reynolds International will build aluminum extrusion plant in Venezuela	May 23 73	St. Regis Paper - analysis of chemical bag sizes	Apr. 18 123
Rayonier - operating ratio climbed to 60-62% in the fourth quarter	Apr. 11 90	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 17 18	Cyanamid bought laminate plant at St. Jean, Que.	Apr. 11 25
Sales and earnings	May 2 18	Reynolds International will build aluminum extrusion plant in Venezuela	Apr. 18 41	Forming new company with Monsanto to make and market Fom-Cor	Feb. 14 18
Reaction Motors - guardian packed fuel engine	Jan. 24 63	Reynolds International will build aluminum extrusion plant in Venezuela	Mar. 28 27	Semiconducting production of Duostress	June 27 99
Reed & Carrick - ulcer drug and tranquilizer	Jan. 24 64	Reynolds International will build aluminum extrusion plant in Venezuela	June 20 40	Will swap stock for an 80% interest in Cupples-Hesse Corp.	Apr. 11 25
Reeves Bros. Inc. - forming a jointly owned company, ES-B-Reeves, with Electric Storage Battery Co. to develop plastic fabrics	May 9 64	Reynolds International will build aluminum extrusion plant in Venezuela	Apr. 25 29	Sanitized Sale Co. of America - antiger feature for plastic sheet	Apr. 11 48
Refrigidisseur Trepaud, S.A. - freezing method for desalting water in France	Jan. 17 42	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 31 62	Saran Yarns Co. - former subsidiary of Dow acquired by National Plastics Products	Mar. 21 25
Reheis Co., Inc. - producer of aluminum salts has purchased Tech-Chemical Corp., producer of liver preparations	May 2 26	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 10 23	Sargent & Lundy - engineered power plant for Buckeye's Foley pulp mill	May 23 85
Reichhold Chemical - Canadian affiliate will build phenol unit at Port Moody, B.C., and at Tacoma, Wash.	June 27 22	Reynolds International will build aluminum extrusion plant in Venezuela	Jan. 3 27	Savoy Car Shampoo - acquired by B.T. Batsch from Seaman Brothers	Mar. 21 17
Expanding, refinancing - stock split proposed	Jan. 24 18	Reynolds International will build aluminum extrusion plant in Venezuela	Feb. 7 94	Sawyer-Bailey Corp. - centrifugal blowers	Jan. 10 64
Has licensed Probst & Cia., to make synthetic resins	June 6 90	Reynolds International will build aluminum extrusion plant in Venezuela	May 30 80	Schenectady Varnish Co. - new resin that reduces butyl rubber cure time	Apr. 25 65
Hopes to hold future meetings in New York increased authorized common stock; purchased Specialty Chemicals	Apr. 4 28	Reynolds International will build aluminum extrusion plant in Venezuela	Mar. 21 50	Scherer, R.P. Corp. - strike settlement at Detroit	Feb. 21 18
New 400,000-share issue was snapped up on the same day offered last week	June 6 19	Reynolds International will build aluminum extrusion plant in Venezuela	May 2 40	Schering Corp. - gears for growth, has set aside \$5 million for expansion, looks for acquisition	May 30 23
Offering more stock to the public	June 6 19	Reynolds International will build aluminum extrusion plant in Venezuela	May 23 32	Sales and earnings	May 9 37
Phenol consumer is putting in new facilities	Feb. 21 89	Reynolds International will build aluminum extrusion plant in Venezuela	May 16 80	Schilling-Hillier, SAIC - Solitone Labs has licensed Schilling-Hillier to manufacture pigments	Jan. 24 64
Phthalic anhydride price	June 20 35	Reynolds International will build aluminum extrusion plant in Venezuela	May 9 110	Schutte and Koerting Co. - acquired majority interest in Whitlock Mfg. Co.	June 6 20
Plans to broaden operations of its Austrian subsidiary, Beckacite	May 16 40	Reynolds International will build aluminum extrusion plant in Venezuela			
President Henry Reichhold plans to erect prefabricated tourist cottages of glass-fiber plastics on St. Thomas, Virgin Islands	June 27 22	Reynolds International will build aluminum extrusion plant in Venezuela			
Purchased tract at Newark, O., as the site for its 18th domestic resins plant	June 27 30	Reynolds International will build aluminum extrusion plant in Venezuela			
Resins Sinteticas, an affiliate, has		Reynolds International will build aluminum extrusion plant in Venezuela			

Small-flow measurement	May	30	54	Sinclair Chemicals - name changed to Sinclair Petrochemicals	Jan.	17	25	burg, Fla.	Jan.	10	25
Schwarz Laboratories, Inc. - biochemical debut	May	2	49	Sinclair-Collins Valve Co. - diaphragm-operated air control valves	Feb.	14	34	Southwest Weather Research, Inc. - Texas cloud-seeding debate	May	23	69
Thiolated proteins, called Thiogel-20	Apr.	18	116	Sinclair Oil Co. - OCAW-Sinclair settlement	Jan.	31	79	Southwestern Agrochemical - will be able to produce 22,000 tons of ammonia at Chandler, Ariz.	Jan.	31	84
Schwarz, Speel and Associates - textile and chemical consultant firm	May	9	64	Sinclair Petrochemicals - new name for Sinclair Chemicals	Jan.	17	25	Southwestern Public Service Co. - accounting procedures that conserve income while a company expands	Jan.	17	31
Schweitzer, Peter J., Inc. - putting a second mixed-bed unit on stream for purifying water for paper making	May	23	76	Sinclair Research Laboratories - amide synthesis	Feb.	14	61	Special Screw Products Co. - high-pressure pipe unions	May	30	55
Scientific Design - terephthalic for Japan	Apr.	11	102	Nongasoline additives sales according to Krik and Young at CCDA meeting	June	13	73	Specialty Chemicals - Reichhold purchased firm and will operate it as a division	Apr.	18	41
Will undertake maleic anhydride project for Monsanto in England	Jan.	31-25	72	Singmaster & Breyer - engineered freshwater plant on Aruba using submerged-tube process	Mar.	28	53	Speedy Products, Inc. - fabric marker	June	20	78
Scientific Engineering Laboratory - altitude chamber	Feb.	28	22	Smith, A.O., Corp. - forming new reinforced-plastics division to manufacture plastic pipe for oil industry	Jan.	3	15	Spencer Chemical Co. - blueprinting second major expansion of polyethylene plant in Orange, Tex.	May	2	26
Scrago, Ernest & Sons, Ltd. - synthetic fiber machinery sold to Russia	Apr.	11	91	Smith, Harry C., Co. - Plough Inc. plans to buy all outstanding stock	Feb.	21	107	Jayhawk Works, Kan. plant will triple uranium dioxide capacity	Mar.	28	30
Scully Signal Co. - no-drip nozzle	Apr.	25	22	Smith Agricultural Chemical Co. - considering a merger with Smith-Douglass	June	6	20	Polyethylene unit to be built in Longview, Tex.	May	9	40
Sealright-Oswego Falls Corp. - Sealright Div. has machine for producing polyethylene milk containers	Feb.	14	34	Smith-Douglass Co. - considering a merger with Smith Agricultural Chemical	June	6	20	Received Lamont du Pont Safety award at NCA meeting	June	20	39
Searle, G.D. - sales and earnings	Mar.	21	106	Will use the Smith-Douglass corporate name for all product manufacturing divisions	June	6	27	Uranium oxide production at Jayhawk Works, Kan.	Feb.	28	20
Sears, Roebuck - girl's shoes with urethane finish	May	2	18	Smith, Kline & French - Boyer, Francis, calls for coordination of government-sponsored medical research at AAAS meeting	June	6	27	Spencer Kellogg and Sons - new technique for the production of polyurethane paints	May	2	38
Seeman Brothers - B.T. Babbitt is purchasing Savoy Car Shampoo	Apr.	18	55	Common-stock split recommended	Jan.	3	18	Spotless Stores, Ind. - switched back to cellophane for wrapping shirts	May	9	40
SEGANS - French liquid methane ship	Mar.	21	17	Established research lab in England	Apr.	4	28	Spraying Systems Co. - spray-nozzle adjustable joints	Jan.	10	64
Seiberling Rubber - expansion plans at Newcomerstown	Feb.	28	50	Research unit in Great Britain	Mar.	28	42	Sprayon Products - self-powered spray gun	Apr.	18	64
Offering 106,481 additional shares	Mar.	14	21	Sales and earnings	Mar.	7	91	Stahl Finishes - acrylic coating for leather	Apr.	18	56
Signed contracts with URWU	Jan.	6	97	Shareholders approved stock split	Jan.	31	18	Stahl A.E. Manufacturing Co. - dextrinization process	Mar.	7	91
Selig Co. - purchased Hygien Chemical Co.	Feb.	21	54	Snell, Foster D. - Crippen & Erlich Laboratories Inc. - name changed to Crippen Laboratories	June	6	27	Merger with UBS expected to be completed this summer	May	9	42
Shamrock Oil & Gas - Continental Carbon, jointly owned by Continental Oil, Witco and Shamrock, is building carbon-black plant at Centertown	May	9	38	Product testing for AMA list	May	16	57	Planning research center in Decatur, Ill.	May	9	42
Sharples Corp. - centrifuge, C-41 Super-D-Hydrator	Jan.	24	59	Equieta Ansaldo - equipment and machinery for Yugoslav fertilizer plant	Mar.	21	25	Stanback Co. - Chap-ET, lip protector	Feb.	7	94
Shattuck, S.W. - head-start in nuclear fuel markets	Mar.	28	30	Societa Edison - Carbide is 50% owner of polyethylene plant due on stream in Sicily	Jan.	10	17	Standard Financial Corp. - offering equipment financing plan	June	13	52
Shawinigan Chemicals Ltd. - Canadian Resins is now a wholly owned subsidiary	Feb.	21	34	Italy's young chemical giant spreads out	Mar.	14	28	Standard Instrument Corp. - div. of Heat-Timer Corp. makes a single-unit recorder and totalizer of equipment failure	Apr.	25	82
Shawinigan Resins - predicts the use of synthetic resin adhesives in packaging this year	May	2	38	Owens Celene polyethylene plant jointly with Carbide	Mar.	28	24	Standard Lime & Cement Co. - three-year contract with UMW at Woodville, O.	June	13	68
Shell-BASF - considering acetone extraction route for expansion of German polyethylene plant	June	13	114	Porto Marghera plant in Venice manufactures both trichloroethylene and tetrachloroethylene, increases exports	June	6	63	Standard Oil of California - developed tube bundle puller, plans to license it	Jan.	10	61
Shell Chemical - first phenol plant abuilding at Houston, Tex.	Feb.	21	89	Societe Algerienne Delude pour la Polymerisation des Olefins - French chemical group to study feasibility of industry in Algeria	May	16	18	Engineering specialists on formal plant tours to spot, solve problems	June	13	49
First units of ammonia plant on stream at Shell Haven, England	June	13	42	Societe d'Etude du Transport et de la Valorisation des Gases Naturels du Sahara - French liquid methane ship	Feb.	28	50	Equipment salvage program	Jan.	17	74
Gains in recession: new projects under way at Norco, La., and Houston, Tex.	May	16	38	Societe de Petrochimie en Afrique du Nord-French chemical group to study feasibility of industry in Algeria	May	16	18	Inventory control	Feb.	21	98
Isoprene rubber bids for natural rubber market	Mar.	21	23	Societe de Produits Chimiques des Terres Rares - Holding a minority interest in Heavy Minerals Co.	Feb.	28	22	Top-level engineering board improves communications, sets policies	June	6	85
Largest producer on the West Coast cuts ammonia price	Jan.	31	84	Socony Mobile Oil - building olefin plant at Beaumont, Tex.	June	27	25	Will add polymerization unit to catalytic cracking plant, abuilding at Richmond, Calif.	Jan.	17	25
Polyisoprene production at Torrance, Calif.	Mar.	14-21	125	5% offer to unions	Jan.	31	79	Will add 12,000 tons/year of ammonia to output	Jan.	31	84
Semicommercial-scale production of acrolein derivatives under way at Martinez, Calif.	Feb.	21	107	Hoffa and his Teamsters are concentrating on three major oil refineries	Apr.	4	24	Will use Universal Oil's Butamer process at Socal's Richmond, Calif. refinery	Jan.	3	27
Site purchase on the Delaware River near Burlington County, N.J.	May	2	78	Hydraulic fluids	Feb.	21	52	Standard Oil of Indiana - Amoco chemicals, a subsidiary, reasserts its intention to sell PA for 17¢/lb.	June	20	35
Shell Chemical Co. Ltd. - decision to build U.K.'s first polypropylene plant	Feb.	21	29	Mobil Oil blueprints giant high-purity ethylene plant and pipeline for Gulf Coast	Mar.	14	25	Casper, Wyo., plant - CSPU kept its bargaining rights	May	16	132
Importing polypropylene from Holland pending completion of its U.S. plant	May	23	63	Socony-Vacuum received patents on production of mixed nitriles	Feb.	14	61	Computer to test instrumentation	May	9	119
Shell Chemical (Australia) Proprietary Ltd. - subsidiary of Shell Oil (London) to put up detergent alkylate plant in Geelong, Victoria	Feb.	14	24	Stanvac's affiliate, Vacuum Oil Co. will build key unit of Melbourne petrochemical complex	Feb.	14	24	Eliminated phenol discharges at Wood River, Ill.	Apr.	18	39
Shell Development - engineering research	June	20	95	Wholly owned General Petroleum Corp. is setting up Petroleum Chemicals Dept.	May	16	38	Estimated \$75 million is spent annually for additives in industrial lubricants according to A.W. Lindert	June	13	76
Geology consultant M. King Hubbert gave the SRI conference predictions on the future supply of fuel	June	27	71	Sohio Chemical - acrylonitrile is a one-step route	June	20	91	5% offer to unions	Jan.	31	79
Set up new department for synthetic rubber and thermoplastics research	Feb.	21	82	Shortcut to acrylonitrile	Mar.	14	65	Intercompany joint technical meeting	Feb.	14	65
Shell Oil - airport paving material resists abuse of jet aircraft traffic	Jan.	17	69	Sohio Petroleum Co. - may delay its program to recover oil from bitumen-containing sands at Asphalt Ridge, Utah	Jan.	31	62	Stereospecific polymer research	Apr.	4	65
Eliminated phenol discharges at Wood River, Ill.	Apr.	18	39	Solar Nitrogen Chemicals, Inc. - Atlas Powder and Ohio Standard are teaming to form new company to make nitrogen and acrylonitrile, Feb. 28-20	May	9	16	Supernit lubricant for jets purchased by AF	Apr.	4	65
Increasing its capital expenditures; synthetic natural rubber and epoxy resins expected to be top sales items	May	16	38	Solar Salt Co. - dewatering-materials-handling system	Apr.	18	81	Standard Oil of N.J. - Stanvac's affiliate, Vacuum Oil Co., will build key unit of Melbourne petrochemical complex	Feb.	14	24
May build petroleum refinery in Northern Ireland with British Petroleum and the three companies' marketing subsidiary	Apr.	11	25	Solar Testing Service - testing facilities at Broward County International Airport will supply monthly reports on exposure tests	Apr.	18	114	Standard Oil of Ohio - new acrylonitrile process at Lima, Feb. 14-61	Mar.	7	28
Shell Oil Co. of Canada, Ltd. - Canadian sulfur venture	June	13	105	Solid Nitrogen Co. - group of investors plan ammonia-urea plant at Freeport, Tex.	Apr.	18	18	Sohio Chemical Div.'s acrylonitrile plant at Lima, O. won't be on stream before next spring	June	27	25
Shell Petroleum Co. Ltd. - will be holding company of Royal Dutch Shell after revamping	Apr.	11	18	Soliton Laboratories - has licensed Schilling-Hillier, SAIC to manufacture pigments	Apr.	11	25	Sohio Chemical's shortcut to acrylonitrile	Feb.	28	69
Sherwin-Williams Co. - new color for polyester resins	Apr.	18	64	SOMISA - seeking U.S. partner for an Argentine chemical enterprise	Mar.	7	17	Teaming with Atlas Powder to form Solar Nitrogen Chemicals, Feb. 28-20	May	9	16
Shippers' Car Line - plans to develop jumbo car market	Feb.	7	46	Sonneborn Sons, Inc. - micro wax	June	6	60	Standard Oil of Texas - novel aids spur maintenance savings	Jan.	10	61
Sigma Chemical Co. - looking for a million live fireflies	June	6	58	Textile Chemicals div. has new micro-crystalline wax	June	20	76	Standard Packaging - buying Chemical Paper Manufacturing Co.	Jan.	3	9
Signal Oil & Gas Co. - expanding capacity of its Bankline refinery at Bakersfield, Calif.; will build new refinery either at Huntington Beach or on the site of its burned-out Hancock refinery	Mar.	7	91	Southern California Edison Co. - natural gas for Los Angeles plants	May	23	28	Standard Vacuum Oil - subsidiary of Socony Mobil and Standard Oil of N.J. has contracted to build ethylene plant near Melbourne, Australia, and supply gas for urea plant on Sumatra	May	16	38
Working out merger terms with Eastern States Petroleum & Chemical Corp.	June	6	20	Southern Nitrogen Co. - Florida Nitrogen Co., a subsidiary, will build complex near Tampa, Fla.	Feb.	14-17	72	Toa Nenryo, a subsidiary, plans to build petrochemical plant at Kawasaki	May	30	22
Simard, Inc. - dry-ice storage	Feb.	14	34	Savannah plant ammonia expansion	Feb.	14	72	Vacuum Oil Products Ltd., an affiliate will put up an ethylene and butadiene plant in Australia	Feb.	14	24
Simon Carves Ltd. - pollution control can be profitable	Mar.	7	91	Southern Oxygen Co. - building oxygen and hydrogen plant near St. Petersburg, Fla.	Mar.	7	91	Stanford Research Institute - Burns, R.W., head of Zurich office will speak at AMA symposium, "Capitalizing on European research"	Mar.	28	42
Simplot, J.R. & Co. - construction of sulfuric acid plant; addition to super-phosphate plant	Feb.	21	34					Castor oil report	May	23	39
Starting construction of sulfuric acid unit at its Pocatello, Ida. plant	Feb.	14	25					Flame resistance built into plastics	Apr.	18	98
Simpson Paper Co. - waste research project	June	13	79					Fluorine detector	June	20	114

Southern California Labs has established an Agricultural Research Center at South Pasadena, Calif.	May 30 62	offices in Scarborough, Ont.	June 6 27	system at Port Arthur, Tex.	Apr. 18 104
Stanley Chemical Co. - vinyl-steel adhesive	Mar. 21 38	Vertical integration	Apr. 18 91	Is acquiring Experiment, Inc. through an exchange of stock	May 30 25
Statistical Tabulating Inc. - handling coupon redeeming for brandname specialty makers	Feb. 21 50	Warwick Wax is becoming a div. of Western Petrochemical Corp.	Apr. 4 26	Launched tertiary-butyl acetate as gasoline improver	Apr. 4 84
Stauffer-Aerojet Chemical Co. - awarded AF contract to build pilot plant for production of high-energy boron fuels near Sacramento, Calif.	Jan. 31 22	Sun Oil Co. - automation-development program at Marcus Hook, Pa.	Mar. 14 65	Operating a polymerization unit via computer at Port Arthur	Apr. 11 83
Stauffer Chemical - agreed with Hercules to form a new company to produce Ziegler-process aluminum alkyls	Feb. 14 23	Forming new affiliate, AvSun, with American Viscose, to make polypropylene	Feb. 28 20	Sales and earnings	May 2 18
American Chemical, jointly owned by Stauffer and Richfield, will go ahead with plans to produce PVC	Apr. 25 29	Joined its engineering and research divisions	Jan. 24 67	Texaco selective finishing process has been piloting at Beacon, N.Y.	Apr. 4 51
Brooklyn tartaric acid plant may reopen after Presidential approval of tariff proposal	Jan. 24 73	Opcon system to run a complete distillation column in Marcus Hook, Pa., refinery	Jan. 3 28	Will acquire Experiment, Inc., for expansion of research in high-energy missile and aircraft fuels	June 13 100
Expansion and modernization of caustic soda and chlorine plant at Niagara Falls, N.Y.	Feb. 21 34	Samia, Ont., refinery developed a plan to meet the challenge of automation and its effect on individual workers	Mar. 21 47	Texas Alkyls - has broken ground for aluminum alkyls plant in Houston and is considering building a larger plant on the Houston Ship Channel	June 20 40
Formed Texas Alkyls with Hercules	May 2 26	Sulfur recovery plant at Toledo, O. refinery will help reduce air pollution	Apr. 11 94	Newly formed by Hercules and Stauffer will build plant near Houston, Tex., ship channel	May 2 26
Improved titanium trichloride catalyst	Apr. 4 65	SunOil team reviews urea plant design	May 9 109	Texas Butadiene and Chemical International - subsidiary of Texas Butadiene will erect butadiene and carbon black units in Argentina	Mar. 14 22
Methylene chloride producer	Apr. 11 10	Sunland Industries - acquired by FMC	Mar. 28 24	Texas Eastman - boosting polyethylene	May 9 45
New fungicide, Phaltan	Apr. 18 63	Merger negotiations with Food Machinery Sun-Ofin Chemical - Montecatini-process urea plant at Claymont, Del. - scale model doubles as management tool	Feb. 7 25	Capital improvement in 1959	Jan. 17 25
Offices show practical use of compact area, incorporate latest office-planning techniques	Apr. 25 89	Planned urea plant will use version of the Kellogg-Montecatini urea process	June 27 89	Piloting polypropylene in Longview, Tex.	June 13 38
Plans to expand and modernize chlorine at Niagara Falls, N.Y.	Mar. 7 113	Sunray Mid-Continent Oil - joint venture of Sunray and Sundite, Coastal Products, is completing plans for plant in Texas	Jan. 31 18	Texas Gas Corp. - has been purchased by a group headed by Carl M. Loeb, Rhodes & Co., Godfrey L. Cabot, and Russell M. Higgins, TGC president	June 13 42
Protesting Eisenhower's decision on tartaric acid tariffs	Mar. 28 63	Sundite Refining - joint venture of Sundite and Sunray Mid-Continent Oil, Coastal Products, is completing plans for plant in Texas	Jan. 31 18	Texas Gulf Sulphur Co. - Acquires five-year option on lithium mining properties near Charlotte, N.C., through an agreement with Basics Atomic, Inc. Building storage and handling facilities near Tampa, Fla.	Mar. 14 29
Research and development featured at annual meeting	May 16 127	Superior Graphite Co. - low-ash amorphous graphite	June 13 101	Canadian sulfur venture	Apr. 4 28
Sales and earnings	Feb. 7-18	Superior Oil Co. - discovered high-grade potash deposits in San Juan County, Utah	Jan. 3 15	Expanding marine shipping facilities on the Neches River, Tex., and planning molten sulfur terminal at Tampa, Fla.	Apr. 13 105
Stock split	May 9 45	Swift & Co. - epoxidized fatty esters	June 6 60	Mexican sulfur mining operation - good-will is key to good business	June 27 48
Tried SQC in a few processes	Jan. 3 30	Negotiating with ICWU	June 6 99	Prospective partner of Delhi-Taylor Oil Sales and earnings	June 28 14
Vinyl chloride venture in Calif.	Jan. 10 23	Swissair Tool Corp. - descaling tool	Apr. 11 106	Texas Instrument, Inc. - Metals & Controls Div. is offering precision switch	May 9 110
Stauffer-Temescal Corp. - electron-beam welder	Feb. 7-68	Sylvania - zone refining of metals	Apr. 11 88	Texas-U.S. Chemical Co. - converting the old Port Neches, Tex. Junior High School into a research and engineering lab	Jan. 10 83
Stearns-Roger - liquid hydrogen plant at Bakersfield, Calif.	Apr. 18-97	Sylvania-Coming Nuclear Corp. - plans to purchase a share in CERCA	June 20-40	Headquarters will be transferred from New York City to Port Neches, Tex.	May 23 69
Stein, Hall & Co., Inc. - expanded R&D facilities at its Long Island City, N.Y., labs	May 16 54	Syntech Fabricators - synthetic filter manufacturer sells Velcro in the chemical process field	June 27-72	Textron Inc. - MB Manufacturing Co., an affiliate, has formed Propulsion Test Facilities	Mar. 21 94
Steinkohlengas AG - Lurgi gasification facilities	May 30 69	Syntex Chemical Co. - Aqua Ivy, oral tablet gives immunity to poison ivy	Apr. 11 104	Teaming up with OM to form new company Almetco, Inc.	Jan. 10 24
Stepan Chemical Co. - buying Maywood Chemical	May 16 17	Syntroon Co. - bulk feeders	June 27 39	Thermo-Electric Co. - Banbury Temperature Limiter	Feb. 21 104
Chicago CPI leaders take steps to popularize their industry - Al Stepan elected chairman	Feb. 7 88	Takamine - Miles will consolidate and reorganize three of its divisions to form Miles Chemical	June 20 50	Electric furnace	May 9 110
Cleared up details of a deal to buy Maywood Chemical's voting stock	May 23 23	Takeda Pharmaceutical - Japanese industry is stepping up activities in India	June 6 26	Signaling Controller	May 9 57
Sales and earnings	May 16 17	Tamex Chemical Corp. - opened textile chemicals plant in the Netherlands	June 13 42	Thermo Pin Corp. - Freon cooking aid	June 27 30
Sterling Drug - acquired Delaware Poultry Laboratories	Jan. 24 25	Taylor Fibre Co. - manufacturer of missile nose cone laminates is looking for more outside contracts	Mar. 7 31	Thiokol Chemical - awarded contract to Wallace Engineering to build new headquarters in Bristol, Pa.	June 20 40
Geniol Co.'s investment in Argentina at stake	Apr. 18 40	Taylor Laboratories Inc. - will operate a wholly owned subsidiary of Dumas Milner, producer of household cleaning products	Mar. 21 25	Called off plans to merge with Marquardt Corp.	May 16 40
Sales and earnings	May 9 37	Taylor Wine - giberrellins on grapes	June 6 71	Continuation contract for rocket production at the Longhorn Ordnance Works and at Brigham City, Utah	May 14 66
South American operations netted more in '58 than in '57	Apr. 4 18	Taylor Woodrow Atomic Power Group - building Hinkley Point's new atomic power plant - large-scale crane will move equipment	June 6 46	Contract for the propulsion system of AF's Minuteman	Mar. 2 30
Zimmerman process has won a commercial berth in Chicago waste disposal plant	June 20 92	Tech-Chemical Corp. - producer of liver preparations purchased by Reheis Co.	May 2 26	Got contract on Project Scout vehicle Government contract to build small booster rockets for the Little Joe data-gathering missile	Mar. 14 29
Sterling-Wintrop Research Institute - will double existing facilities for research in the biological sciences	May 9 65	Technical Oil Tool Corp. - end-point analyzer	May 2 88	Hunter-Bristol Engineering Co. specializing in finding new civilian uses for rockets	Jan. 24 32
Stevens, J.P. & Co. - first licensee of "Silrama" process	May 2 44	Technical Tape - program to stamp out plastic-bag deaths	June 13 88	Located in the Pascagoula-Moss Point industrial area in Mississippi	Apr. 11 31
Stewart-Wamer Corp. - vibration analyzer	May 13 54	Techno-Economic Services, Inc. - Toss detergent in water-soluble film	June 20 78	Missile program	Jan. 24 21
Stokes, F.J., Corp. - granted its first foreign license to Heurty & Co. to build and sell vacuum-melting equipment in France	May 9 131	Templip Corp. - temperature pellets	Jan. 31 69	Redstone Div. received Army contract for solid-propellant rocket motors	Jan. 31 22
Strong Cobb Amer. Inc. - new company formed by merger of Strong, Cobb & Co. and The Amer. Co.	June 20 40	Tennessee Corp. - U.S. Phosphoric Products Div. is planning to build ammonia plant at East Tampa	May 23 18	Rocket Div. and Chemical Div. - sales and earnings rose last year	Mar. 21 17
Strong, Cobb & Co. - directors approved plans to merge with Amer. Co.	May 23 23	Tennessee Eastman - Bogue Electric is readying a mixed-bed demineralizer system for the Kingsport, Tenn., plant	May 23 76	Sales and earnings - negotiating for merger with Marquardt Air Craft Corp.	Apr. 25 21
Syntex obtained Aqua Ivy patents	June 27 39	Boosting capacity of its Kingsport, Tenn., Kodel polyester fibre plant	June 27 21	Stock-split news buoyed market price	Feb. 28 14
Will merge with The Amer. Co. - new company will be called Strong Cobb Amer. Inc.	June 20 40	Capital improvement in 1959	Jan. 17 25	Working on propulsion stages for the Minuteman	June 13 80
Studebaker-Packard - diversified with purchase of Gering Products, producer of plastics, - will be operated as a separate division	June 13 18	Tennessee Gas Transmission Co. - Bay Petroleum Div. will build natural gas processing plant near Rockport, Tex.	Mar. 21 25	Thomson Chemicals, Inc. - custom vacuum systems	June 20 112
Sued-Chemie - forming an affiliate in conjunction with Chemetron	Feb. 14 25	Grand Central Rocket, jointly owned by Tennessee Gas and 2 other firms	May 2 24	Thompson-Hayward Chemical Co. - exploding weed-killer chemicals kill three men	May 2 17
Sueddeutsche Kalkstickstoff-Werke AG - calcium cyanamide - economical method of making	June 6 90	Mapped capital expenditures of \$190 million for '59	Apr. 25 27	Multistate distributor	Apr. 11 65
Sulfinud S.A. - joint subsidiary of BASF and Cia Quimica has started producing textile dyestuffs and bleaching agent in San Nicolas, near Buenos Aires	Apr. 18 41	Will buy ethane from Champlin Oil for resale to Union Carbide at Seadrift	Jan. 10 18	Rebuilding weed-killer facilities wiped out by million-dollar blast	June 6 76
Will start production of sodium hydro-sulfite at new plant in San Nicolas	Apr. 25 29	Tennessee Products and Chemical Corp. - Olin Mathieson has leased idle Somerville Iron Works in Chattanooga, Tenn.	Mar. 21 25	Thompson-Ramo-Wooldrige Products Co. - Licensed Intertechnique Co. to manufacture digital-control computers in France	May 9 131
Sumitomo Chemical - setting up new company with Upjohn International	Mar. 28 24	Tennessee River Pulp and Paper Co. - plans to start building kraft pulp and container board mill at Counce, Tenn.	Mar. 28 24	Purchased a controlling interest in Magna Products, Inc.	June 27 30
Summit Chemical Products Corp. - ammonium thiosulfate for wool permanent process	Mar. 21 40	Tensolite Insulated Wire Co. - Du Pont's new Teflon FEP is being used as wire insulation	May 2 80	RW-300 computer	Apr. 18 104
Sumner Chemical Co. - div. of Miles Laboratories cuts PAS prices	Feb. 7 43	Tetra-Pak Co., Inc. subsidiary of Swedish concern has machine for producing small tetra-hedron-shaped milk container	May 9 110	Ramo-Wooldrige Div. developed after-burner	Jan. 31 75
Miles will consolidate and reorganize three of its divisions to form Miles Chemical	June 6 26	Texaco - automatic polymerization	Feb. 21 34	Ramo-Wooldrige Div. will develop an auto exhaust purifier	June 27 68
Value analysis adaptable to small company, Elmer Hartgerink shows	June 27 96			Thwing-Albert Instrument Co. - polymer checker manufactured under agreement with Continental Can	June 13 102
Sun Chemical Corp. - bought operations, trademark rights and certain assets from Amprul Paint Co.	Feb. 14 25			Tidewater Oil - drilling mud expenditure on two gas-condensate wells in the Louisiana swampland	May 2 33
Hom, A.C., a division, is opening new				Improved method of cleaning heat-ex-	

changer tubes at Avon, Calif. refinery	Jan.	10	62	fluorine-resistant alloy	June	6	46	Products, a division, uses Teflon in feed-through insulators	May	6	110
Injury frequency rate below industry average, George F. Getty II says	May	9	108	Italy's young chemical giant Societa Edison, spreads out with U.S. help	Mar.	14	28	U.S. Rubber - butyl rubber vulcanization process	June	27	74
Inventory control	Feb.	21	98	Kinzel, August, pointed out how technological advances are changing materials concepts, at SRI conference	June	27	72	Contract with URW	May	16	132
Premium-grade gasoline that will cut air pollution	Mar.	21	104	McClure, Harry, succeeded by Merck's John Connor as MCA chairman	June	20	39	Defending its plant growth inhibitor against charges by tobacco companies	May	23	18
Titan Chemical Industries, Inc. - travel specialties	May	16	101	Metalloceramic polymers made by irradiation may be possible	May	9	103	Electronic safety device	Feb.	21	104
Will begin marketing 13 products in aerosol dispensers, all priced below 50¢	May	9	56	Metals Co. developed nonferrous alloy	Apr.	11	84	Naugatuck Chemical Div. launches two-pronged program to counter sales-reducing effects of FDA ruling on Aramite miticide	Mar.	14	21
Titan Metal Manufacturing Co. - Cerro gets controlling interest	Apr.	11	25	Metals Co. has been awarded AF contract to produce scandium	Mar.	21	103	Naugatuck Chemical maintains that proper use of MH-30 improves quality of tobacco	Jan.	10	24
Titanium Metals Corp. - Minkler, Ward, talks about corrosion	Apr.	18	78	Metals Co. div. has indicated interest in producing titanium chemicals and is working on dredging equipment for limonite and rutile mining on Amelia Island	Feb.	14	24	Naugatuck Chemical Div.'s researchers find dimer polyester urethanes handle better in closed system	June	6	19
Shipments in 1958, according to T.W. Lippert	Jan.	10	67	Metals Co. is offering a series of acetylacetones	June	6	38	Naugatuck Chemical Div. steps up educational programs for tobacco growers to end a threat to maleic hydrazide	Jan.	10	77
Titelstad Corp. - supplied the plant and engineering of pine Bend sulfuric acid plant in Minn.	May	9	45	Metals Co.'s new titanium alloy with improved corrosion-resistance	Apr.	18	76	Polysoprene rubber for production of truck tires	May	2	43
Toa Nenryo (East Asia Fuel Co.) - subsidiary of Standard-Vacuum Oil plans to build petrochemical plant with technical assistance from Esso Research	May	30	22	Metals Co. offers samples of tungsten carbide	June	27	76	Sales and earnings	June	20	62
Tobler, Ernst & Traber, Inc. - Velcro parent company	Apr.	11	104	Metals Co. will study columbium-clad uranium carbide nuclear reactor fuel	June	6	71	Technical evaluator handles outside suggestions	Apr.	18	125
Toho Rayon Co. - Alon yarn made by Japanese firm	Mar.	21	88	National Carbon Co. has large program for developing both chemical and nonchemical packaged-power sources	Mar.	21	92	"Toothpaste tubes" for shipping chemicals	May	2	17
Tohoku Fertilizer - phosphoric acid process slated for pilot tests at Akita, Japan	June	20	92	National Carbon offers graphite cloth	Apr.	4	66	URW contracts negotiation	June	13	93
Toms River-Cincinnati Chemical Corp. - anthraquinone via the anthracene air-oxidation process	Feb.	21	70	National Carbon Div. offers petroleum-derived carbon replacing coconut-shell charcoal	May	27	68	Will boost capital expenditures	Feb.	21	118
Torit Mfg. Co. - dust separator	Apr.	18	82	Near-future polyethylene potential is over 500 million/year	Apr.	25	66	U.S. Rubber Reclaiming Co., Inc. - reclamation of nylon from used auto tires	Jan.	31	21
Tracerlab Inc. - dedicated its new Reactor Monitoring Centurium Research, Calif.	Feb.	21	82	New process for dyeing glass cloth	May	23	25	U.S. Steel - Blough, Rogers, views on corporate profits	May	16	25
Low-cost device warns of presence of radioactive fallout	Jan.	17	69	Nuclear Co. will operate uranium processing mill Globe Mining is building in Wyoming	Apr.	11	25	Duquesne Works' air separation units are being groomed for process gas recovery	May	2	86
Radioactive sampler	June	13	54	Olefins Co. division has turned over its business of designing solvent recovery plants to Vulcan-Cincinnati, Inc.	June	20	83	Dust control	May	23	60
Radiometric weighing	Apr.	11	106	Plastics' Arnold Sward predicts U.S. polyethylene demand	May	30	70	National Tube Div. to produce helium tubes for U.S. B.W.	May	30	55
Trane Co. - sales and earnings	May	9	37	Plastics Co. developed new low-temperature plastic	June	6	25	Oil Well Supply Div. has added two new pumps to its Wilson-Snyder line	June	6	20
Triangle Construction Co. - handled the wood yard and general construction of Buckeye's Foley expansion	May	23	85	Plastic Co.'s Halowax Div. acquired by Koppers' Tar Products Div. in a cash transaction	June	20	118	U.S. Storage - LCA will sell its interest to American Ice	Feb.	21	31
Triangle Refineries Inc. - subsidiary of Kerr-McGee Oil has acquired all the capital stock of Cotton Valley Solvents	June	6	27	Plastics Div.'s new epoxy resins plant onstream at Marietta, O.	Mar.	21	126	Universal Oil Products - Butamer process will be used by Standard Oil of Calif.	Jan.	3	27
Tube Investments - British Treasury okayed take-over of British Aluminum Reynolds and Tube Investments won the battle for joint control of British Aluminum	Jan.	17	18	Plastics Div. stresses the virtues of epoxy boats	Feb.	14	75	Erickson, R.A., views on petroleum-derived toluene prices at ACCC meeting	June	20	84
Tulosa Gas Products - will begin marketing sulfur, benzene naphtha	Jan.	10	25	Plastic's Vinylfoam Div. manufacturing operations will be transferred to bigger quarters in Newark, N.J.	June	20	118	Final hearing on a plan for stock sale	Jan.	3	15
Tyrex, Inc. - five producers of viscose rayon tire cord start promotional campaign with road tests, Feb. 7-82, Research promises rayon resurgence	Mar.	14	75	Radioisotopes produced at pilot plant operated for the AEC at ORNL	Feb.	14	55	Joint computer-control project was launched by UOP and Daystrom Systems	Mar.	14	65
UBS Chemical Corp. - Badger Manufacturing Co. expects to complete work on new polymer emulsions plant in Lemont, Ill.	Jan.	3	15	Research and development featured at annual meeting	May	16	127	Molex process uses molecular sieves to upgrade gasoline	Apr.	4	51
Staley plans merger with UBS	May	9	42	Resin supplier to Intercontinental Shoe Corp.	Apr.	11	42	New gasoline-upgrading technique, the Molex process	Mar.	28	53
Urethane finishes for patent leather	Apr.	18	55	Sales and earnings	Feb.	7	18	Stock offering marred by public reaction	Feb.	14	18
Uhde - German consortium to erect fertilizer plant at the Aswan Dam site	Jan.	31	25	Silicones Div. developed new silicone	Feb.	7	106	Stocks on public sale on behalf of Universal Oil Processes	Jan.	31	25
Hoechst affiliate will be called Hoechst-Uhde Corp.	Jan.	31	25	Silicones Div. develops improved method of dyeing glass textiles	May	2	44	Universal Valve Co. - nose-coupling press	Jan.	10	64
Ultra Chemical Works - Witco subsidiary is spending \$250,000 for a toluene-sulfone sulfonation plant at Hawthorne, Calif.	May	9	45	Sold its six New York headquarters buildings to Tishman, will move into new 53-story office building by June 1960	Feb.	14	25	University of Texas Marine Institute	Jan.	3	28
Unexcelled Chemical Corp. - seeks stock-swap merger with R.R. Williams Co.	June	27	27	Third European polyethylene plant will be a joint venture	Jan.	10	17	Tris buffer, new chemical, helps keep fish alive in transport	Mar.	28	22
Unilever - Emery is negotiating with Unilever for a joint venture in Rotterdam to manufacture oleo-chemical derivatives	May	23	23	Using acetone extraction route at Charleston ethylene oxide plant	June	13	114	Upjohn - antibiotics pricing on trial, Jan. 17-21	Apr.	4	26
Soap and detergent profits from continental Europe showed marked gains - total profits up 7.6%	Feb.	21	44	Visking Div. see Visking Co.	May	16	40	Antitrust interlude	Apr.	25	65
Union Bag-Camp Paper Corp. - ads point up benefits of intracompany standardization of bag sizes	Apr.	11	18	Union Carbide Ltd. - doubling polyethylene capacity at Grangemouth, Scotland	May	30	18	Fluoromethone introduced under the trademark Oxylene	May	9	72
Moisture-proof bag-sealer and multiwall bag	Feb.	21	131	Union Carbide Canada Ltd. - Carbide Chemicals Co., a division, will increase polyethylene capacity 60% at its Montreal East plant	June	13	42	Obtained a preliminary against Chestnut Street Wholesale Sundries	Feb.	28	14
Purchased tract near Spartanburg, S.C.	May	9	140	Union Carbide - additional to its antipollution equipment at its L.A. refinery	May	30	53	Sales and earnings	June	27	67
Appointment of two distributors: H.D. Litter and Harry A. Baumstark	Jan.	10	25	Instrument maintenance	May	23	25	Synthetic hormones, medroxyprogesterone (Provera), could be useful in preventing miscarriages	Mar.	14	36
Australian polyethylene plant slated to go onstream in early '61, Feb. 7-18, Awarded construction contract for manganese ore dressing plant at Newport News, Va.	June	27	25	Union Rheinische Braunkohlen Kraftstoff AG - urea plant due onstream next year in Wesseling, near Cologne, Apr. 4-28, Union Starch & Refining - built effluent-treatment plant at Granite City, Ill.	Apr.	18	39	Upjohn Overseas Corp. distributes drugs to Eastern Hemisphere areas from Canal Zone	Jan.	31	18
Building polyethylene film plant near Cartersville, Ga.	May	23	74	Union Steam Pump Co. - offering new pump	Jan.	24	60	Use of cost data in antibiotics case	Mar.	28	24
Chemicals equipment salvage program	Feb.	14	24	United Box Lumber - makes encasing boxes for glass carboys	Feb.	7	46	Upjohn International - setting up new company in Japan with Sumitomo Chemical	Mar.	28	57
Chemicals has developed two-in-one varnish	Jan.	10	18	United Electric Controls Co. - high pressure control	Apr.	18	39	Utah Construction Co. - provided automatic controls for Homestake's precipitation process	Apr.	18	106
Chemicals Co. has doubled polyether polyol capacity at South Charleston, W. Va., plant	Feb.	21	34	United Merchants Mfg. Inc. - United Merchants Industrial Fabrics glass-textile processor takes a go-slow attitude about Silrama	May	23	17,69	Utah Lime & Stone Co. - subsidiary of Flintkote will use the Corson line hydration process at Dolomite, Utah	Mar.	28	57
Chemicals' insecticide Sevin is being tested by USDA	Jan.	17	25	United Research Corp. - Stanford Research Institute handles research on propellants	Feb.	21	104	Vacuum Oil Products Ltd. - Standard Vacuum's affiliate will put up an ethylene and butadiene plant in Australia	Feb.	14	24
Chemicals' Mylone kills citrus nematodes and fungi	Apr.	18	58	United Sensor & Control Corp. - velocity probe	May	9	111	Valley Nitrogen Producers - will be able to produce 60,000 tons of ammonia at Salento, Calif.	Jan.	31	84
Chemicals Co.'s Sevin okayed by La. for cotton-insect control	May	23	25	U.S. Borax and Chemical Corp. - boron-containing specialties that may have oil field application	Feb.	21	104	Van Ameringen-Haebler, Inc. - merger with Polak and Schwarz	Mar.	14	79
Coal chemicals attempt	Jan.	17	25	Sales and earnings	May	9	111	Vanderbilt, R.T. - petroleum fuel corrosion inhibitor	May	9	57
Electro Metallurgical's name changed to Union Carbide Metals Co.	May	9	56	U.S. Cold Storage Co. - LCA has acquired 11% of common stock	Jan.	17	17	Vanfair Co. - protective hand lotion	June	6	60
Epoxy-containing plasticizer for vinyl resins	Mar.	28	42	U.S. Electrical Motors Inc. - variable-speed transmission	Apr.	11	17	Varian Associates - publishing research findings in advertisements	Jan.	3	20
Established research lab in Brussels	May	9	56	United States Gasket Co. - Fluorocarbon	June	27	64	Velcro Sales Corp. - nonmetallic textile closure	Apr.	11	104
Haynes Stellite Co., developed	Mar.	28	42					Vermarco Supply Co. - division of Vermont Marble Co., offers a host of marble cleaning products	June	6	56
								Vermont Marble Co. - marble cleaning products	June	6	55
								Vervary Corp. - Eastman trademark violation	Apr.	18	39
								Vic Mfg. Co. - solvent recovery unit	Feb.	14	36
								Vick Chemical - Hess & Clark, a subsidiary, has contracted for the construction of a poultry nutrition research center in Ashland, O.	May	16	57

